

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041724\
 Data File : VU058731.D
 Acq On : 17 Apr 2024 12:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 04:57:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 04:49:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38852	5.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.600%
7) Chloroethane-d5	1.904	69	28659	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.554	65	14478	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.628	46	75439	52.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.600%
24) Chloroform-d	5.052	84	65353	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	33692	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.718	84	134343	6.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
36) 1,2-Dichloropropane-d6	6.682	67	41087	5.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.891	98	91535	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	11104	5.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.627	63	41833	47.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22042	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28534	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39376	4.570	ug/L	99
3) Chloromethane	1.512	50	56044	5.315	ug/L	98
5) Vinyl chloride	1.596	62	61140	5.805	ug/L	100
6) Bromomethane	1.853	94	27752	5.570	ug/L	99
8) Chloroethane	1.924	64	30790	4.628	ug/L	100
9) Trichlorofluoromethane	2.126	101	60792	4.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37511	4.539	ug/L	96
12) 1,1-Dichloroethene	2.570	96	33928	4.631	ug/L	93
13) Acetone	2.641	43	51512	41.843	ug/L	98
14) Carbon disulfide	2.782	76	120570	5.181	ug/L	100
15) Methyl Acetate	2.949	43	14088	4.850	ug/L	100
16) Methylene chloride	3.033	84	45827	4.713	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	77460	4.476	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	35499	4.623	ug/L	96
19) 1,1-Dichloroethane	3.856	63	79628	4.751	ug/L	98
21) 2-Butanone	4.708	43	85067	46.231	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	38535	4.469	ug/L	95
23) Bromochloromethane	4.965	128	14995	4.414	ug/L	93
25) Chloroform	5.078	83	74532	4.595	ug/L	99

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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 04:57:48 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 04:49:31 2024
 Response via : Initial Calibration

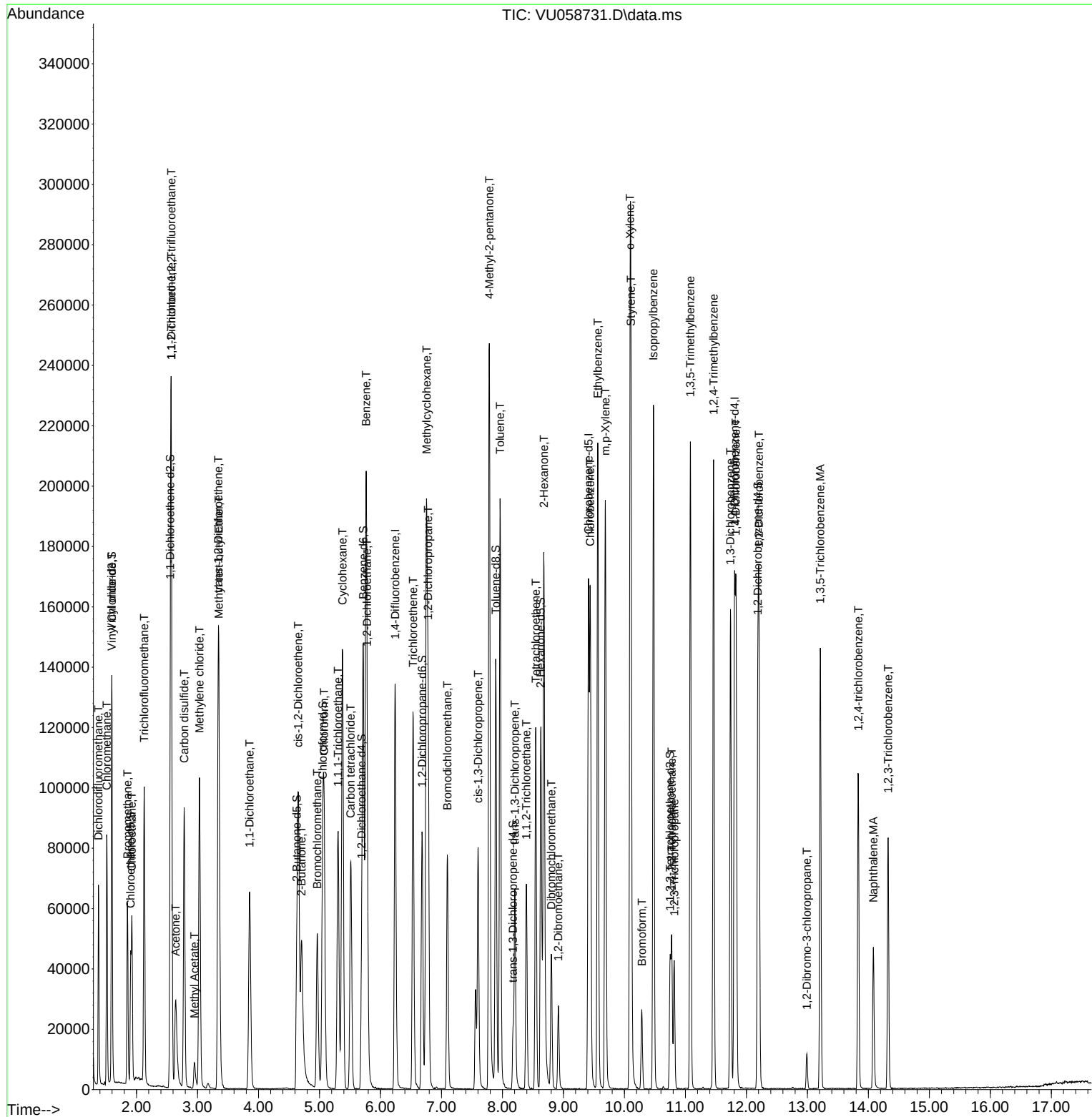
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47837	4.843	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	61534	5.610	ug/L	98
30) Cyclohexane	5.377	56	73251	6.324	ug/L	96
31) Carbon tetrachloride	5.512	117	51779	5.574	ug/L	99
33) Benzene	5.766	78	174120	5.872	ug/L	100
34) Trichloroethene	6.534	95	43056	5.760	ug/L	95
35) Methylcyclohexane	6.756	83	67641	6.006	ug/L	97
37) 1,2-Dichloropropane	6.782	63	47031	6.028	ug/L	98
38) Bromodichloromethane	7.097	83	50510	5.672	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	46443	4.681	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	175841	47.882	ug/L	99
42) Toluene	7.962	91	137929	4.434	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	36485	4.663	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20590	4.519	ug/L	97
47) Tetrachloroethene	8.547	164	24257	4.427	ug/L	97
48) 2-Hexanone	8.679	43	128505	49.291	ug/L	97
49) Dibromochloromethane	8.801	129	22003	4.177	ug/L	98
50) 1,2-Dibromoethane	8.917	107	18322	4.397	ug/L	98
51) Chlorobenzene	9.441	112	80934	4.300	ug/L	100
52) Ethylbenzene	9.563	91	147001	4.461	ug/L	100
53) m,p-Xylene	9.688	106	53415	4.527	ug/L	99
54) o-Xylene	10.094	106	50513	4.367	ug/L	97
55) Styrene	10.110	104	84228	4.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	23551	4.190	ug/L	98
59) Bromoform	10.287	173	11372	4.389	ug/L	99
60) Isopropylbenzene	10.476	105	138171	4.866	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17671	4.465	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	111462	4.814	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	110005	4.653	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	59333	4.302	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	58854	4.380	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52525	4.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3083	4.594	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.212	180	42847	4.201	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29581	3.761	ug/L	97
71) Naphthalene	14.084	128	38132	3.538	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	24413	3.759	ug/L	99

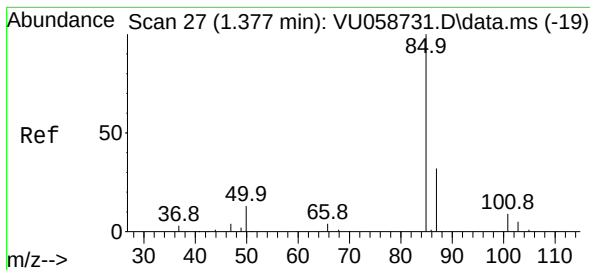
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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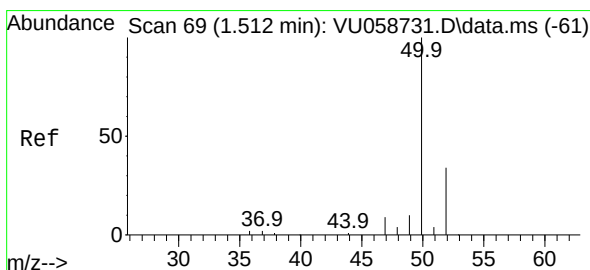
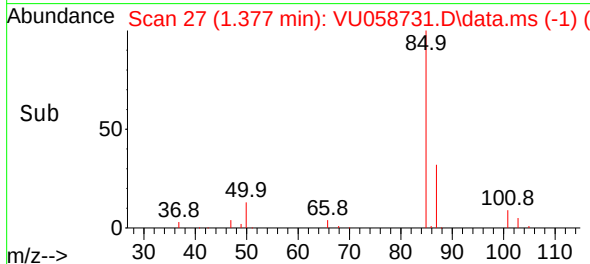
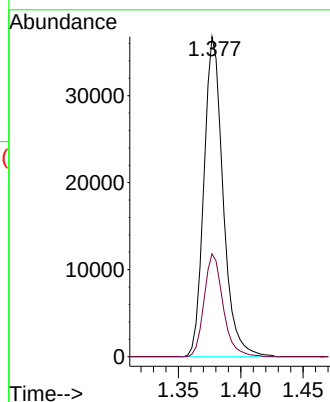
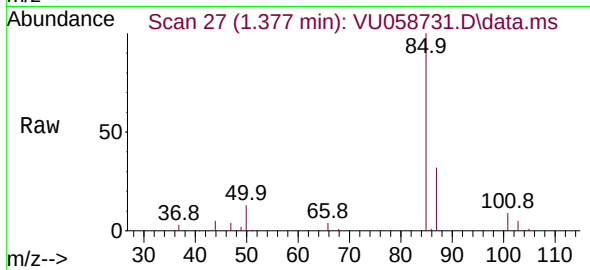




#2
 Dichlorodifluoromethane
 Concen: 4.570 ug/L
 RT: 1.377 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

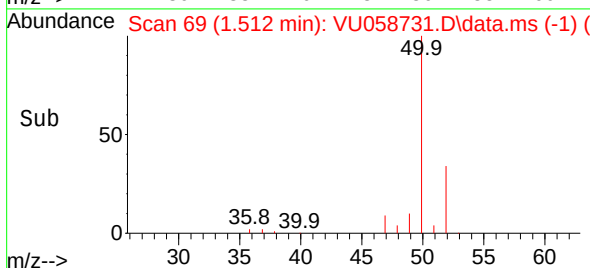
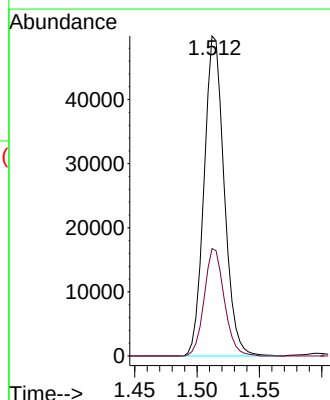
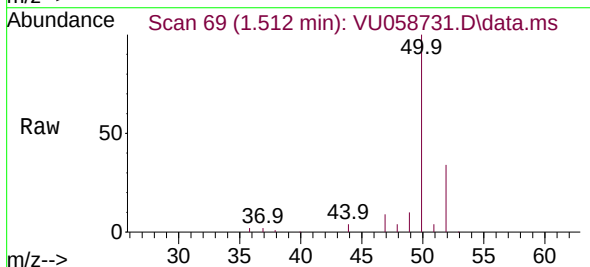
Instrument :
 MSVOA_U
 ClientSampleId :

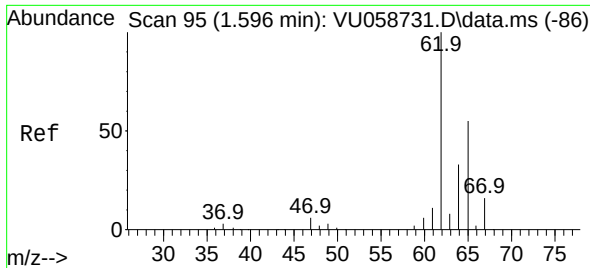
Tgt Ion: 85 Resp: 39376
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 5.315 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

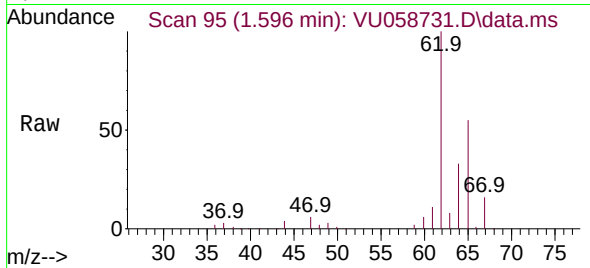
Tgt Ion: 50 Resp: 56044
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.6 42.0



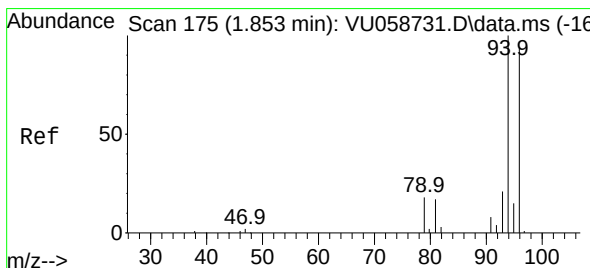
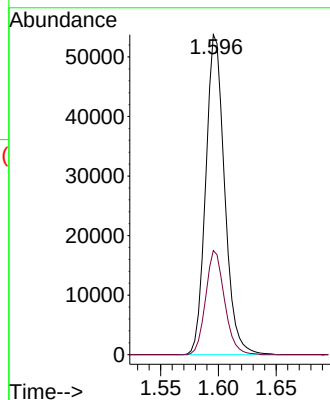
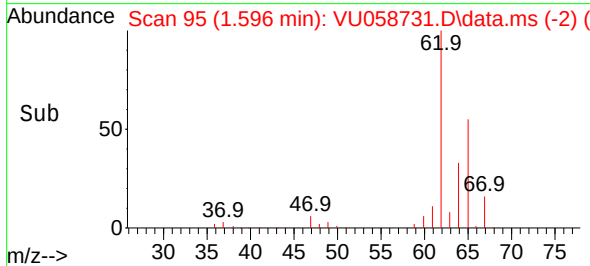


#5
 Vinyl chloride
 Concen: 5.805 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

Instrument :
 MSVOA_U
 ClientSampleId :

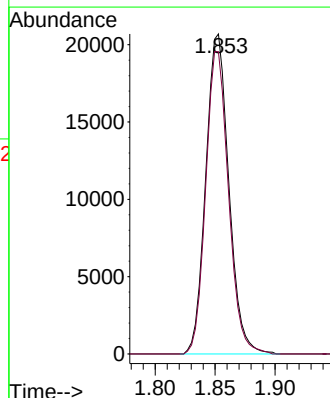
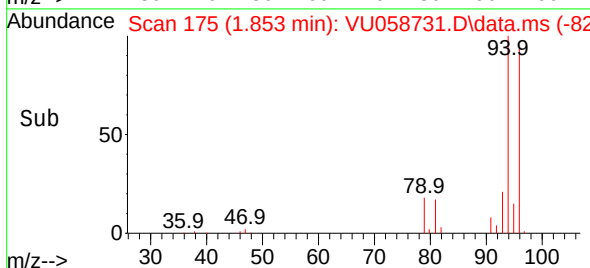
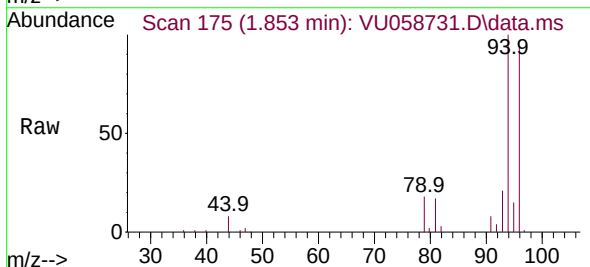


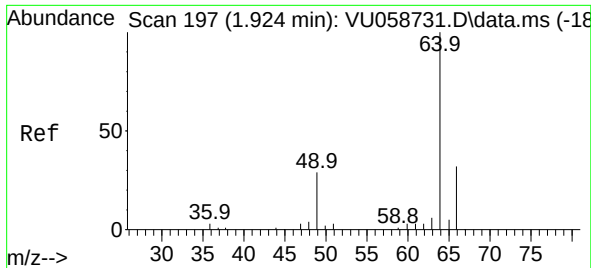
Tgt Ion: 62 Resp: 61140
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.6 42.0



#6
 Bromomethane
 Concen: 5.570 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

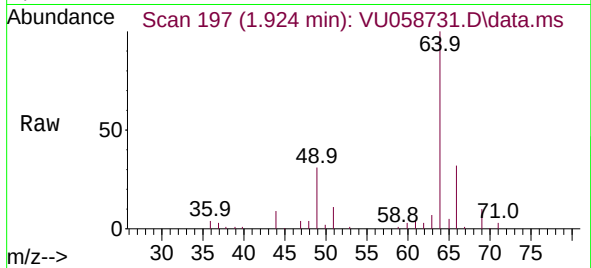
Tgt Ion: 94 Resp: 27752
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.4 121.4



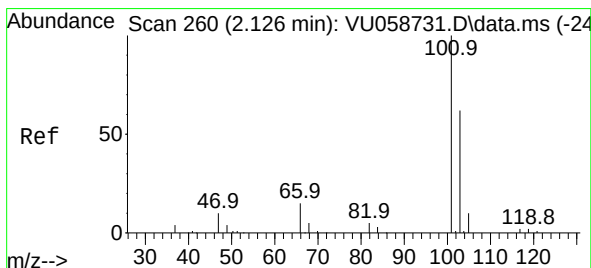
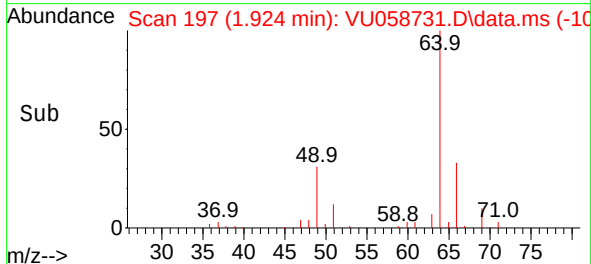
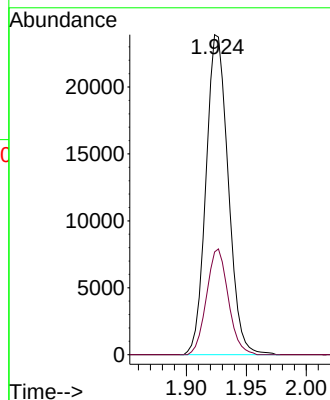


#8
Chloroethane
Concen: 4.628 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

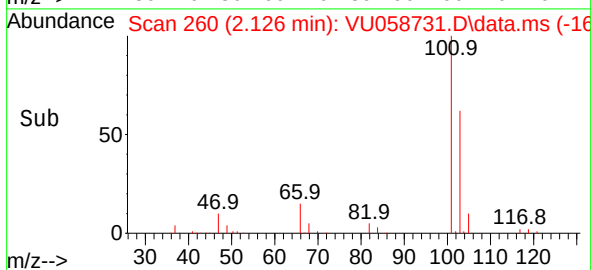
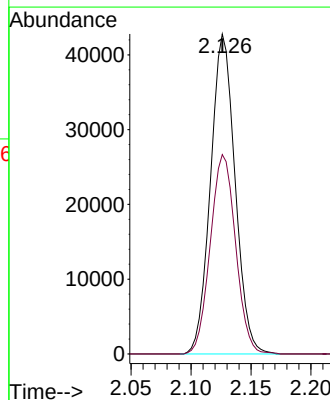
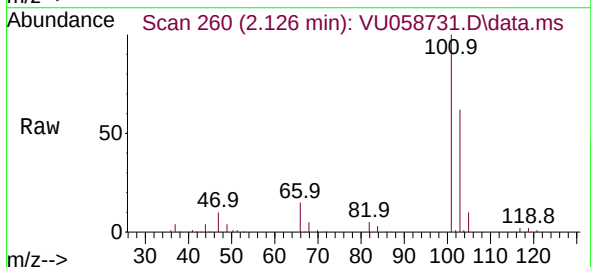


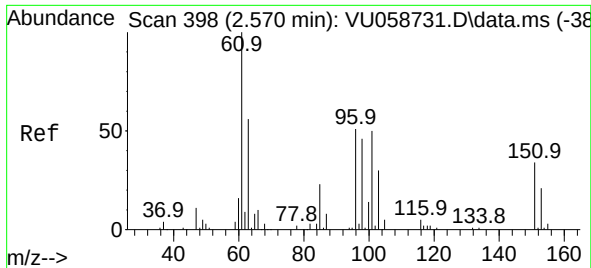
Tgt Ion: 64 Resp: 30790
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.371 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion:101 Resp: 60792
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

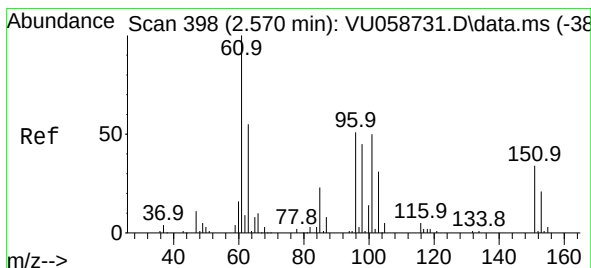
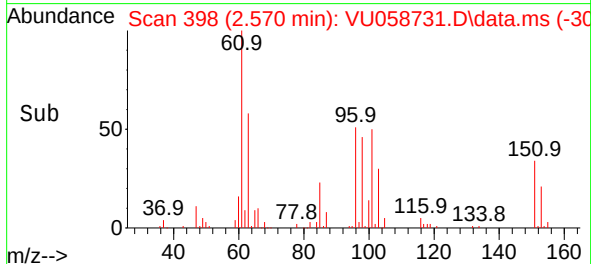
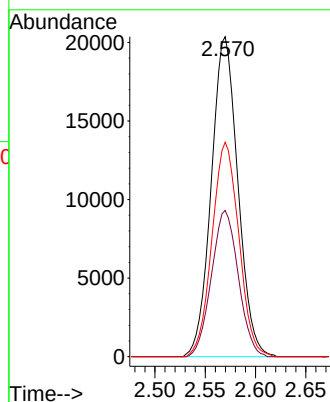
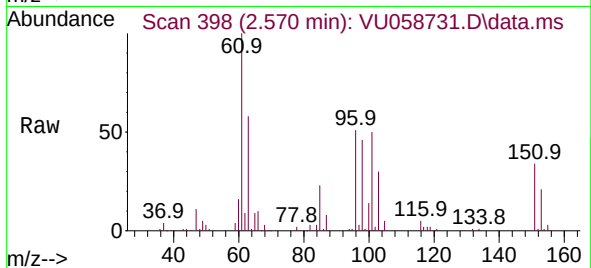




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.539 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

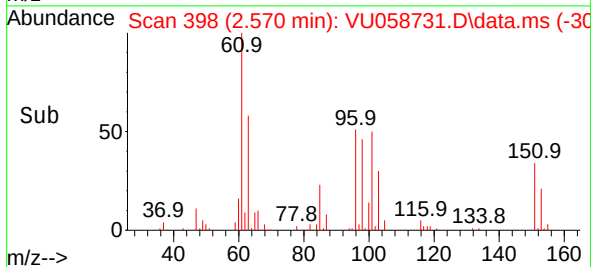
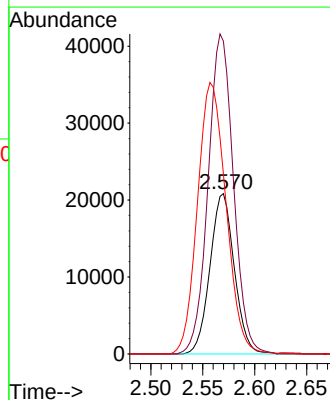
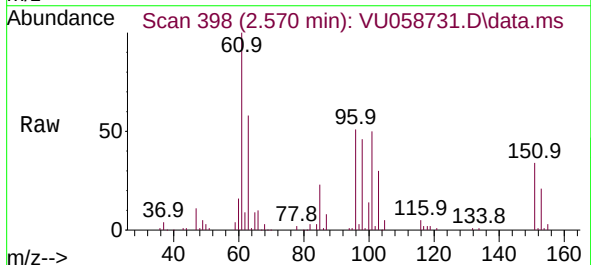
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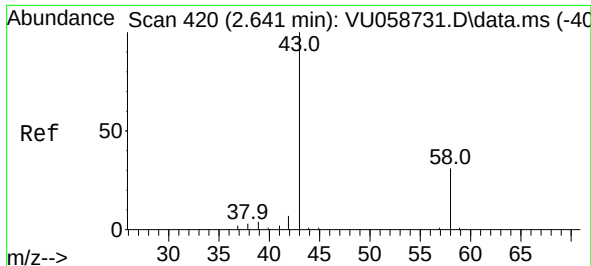
Tgt Ion:101 Resp: 37511
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.8 55.2
 151 67.5 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 4.631 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

Tgt Ion: 96 Resp: 33928
 Ion Ratio Lower Upper
 96 100
 61 195.0 132.5 246.1
 63 112.4 87.7 162.9





#13

Acetone

Concen: 41.843 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

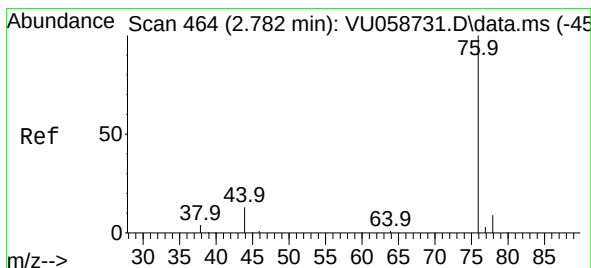
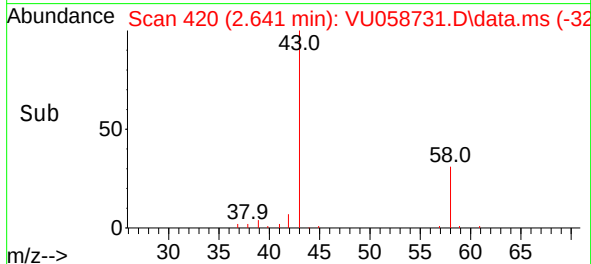
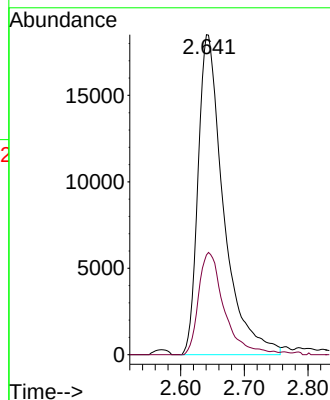
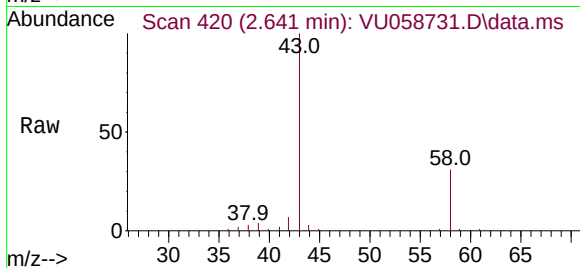
ClientSampleId :

Tgt Ion: 43 Resp: 51512

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4



#14

Carbon disulfide

Concen: 5.181 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU058731.D

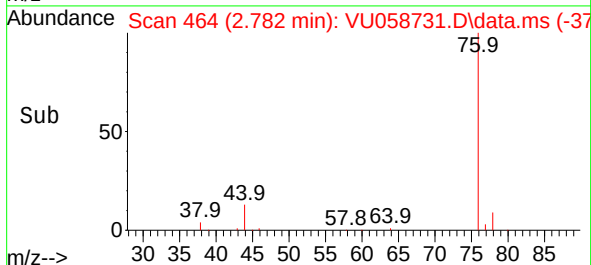
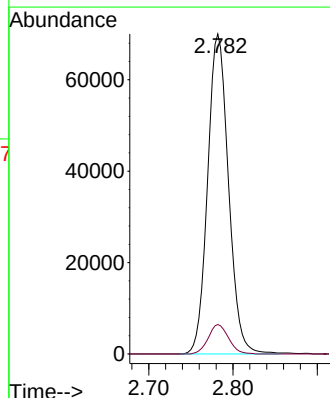
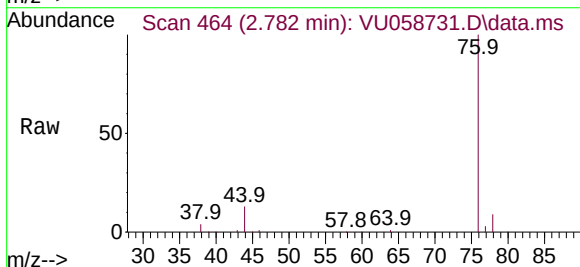
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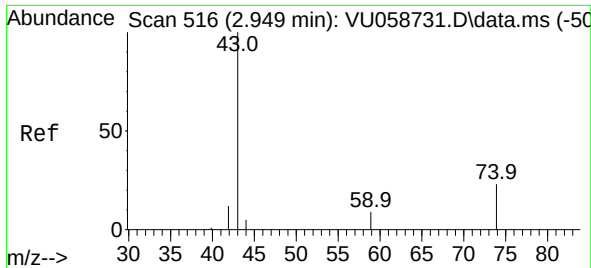
Tgt Ion: 76 Resp: 120570

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

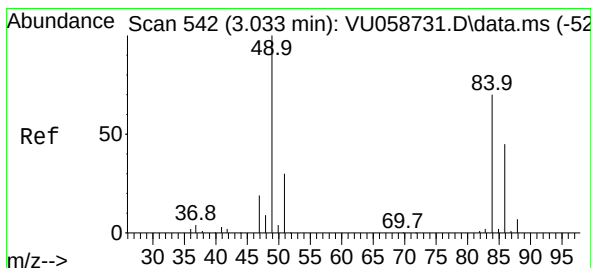
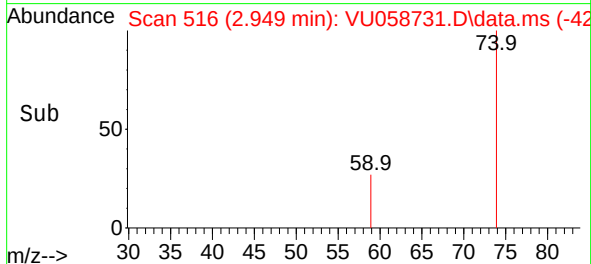
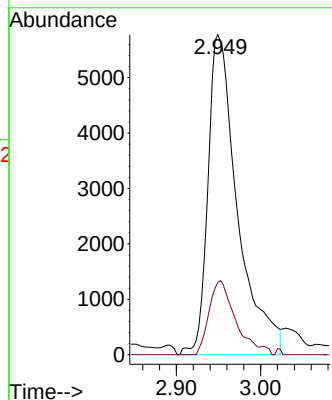
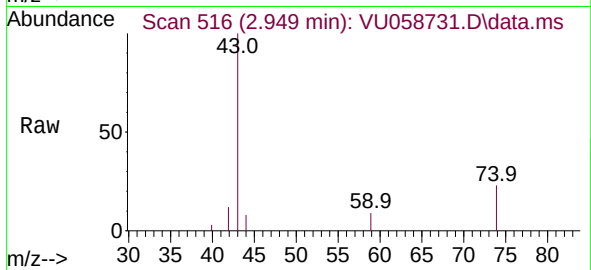




#15
Methyl Acetate
Concen: 4.850 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

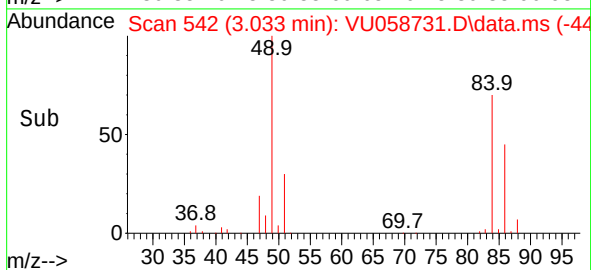
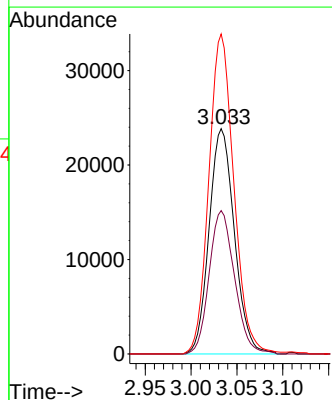
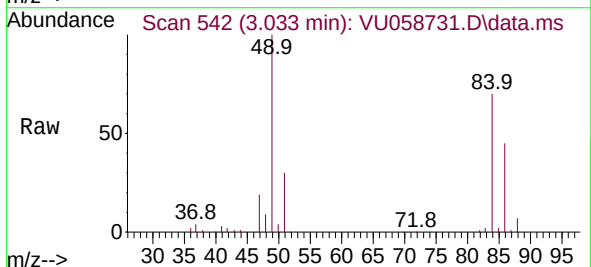
Instrument :
MSVOA_U
ClientSampleId :

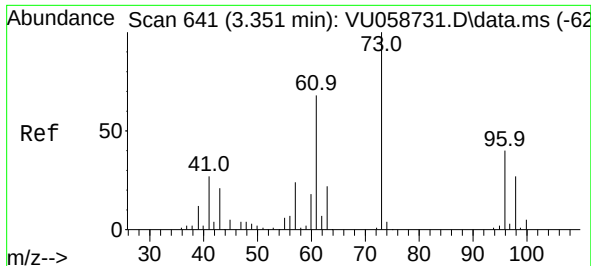
Tgt Ion: 43 Resp: 14088
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 4.713 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 84 Resp: 45827
Ion Ratio Lower Upper
84 100
86 63.6 44.3 82.3
49 142.1 96.0 178.2





#17

Methyl tert-butyl Ether

Concen: 4.476 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

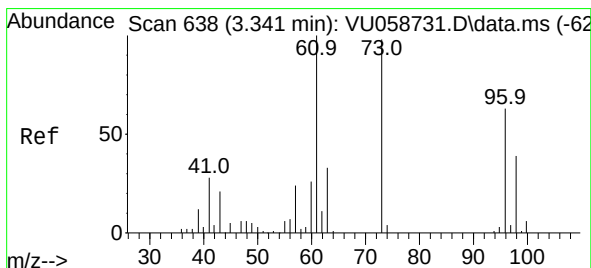
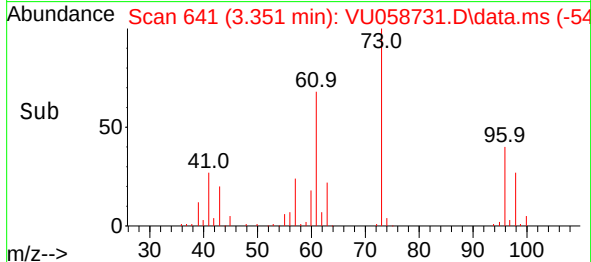
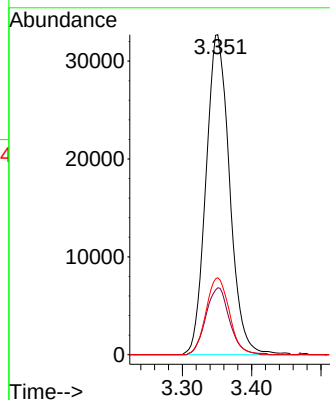
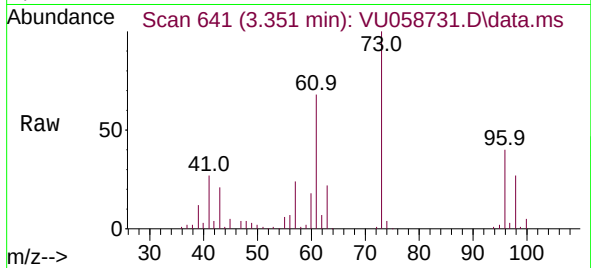
Tgt Ion: 73 Resp: 77460

Ion Ratio Lower Upper

73 100

43 21.1 17.4 26.2

57 23.8 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 4.623 ug/L

RT: 3.341 min Scan# 638

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

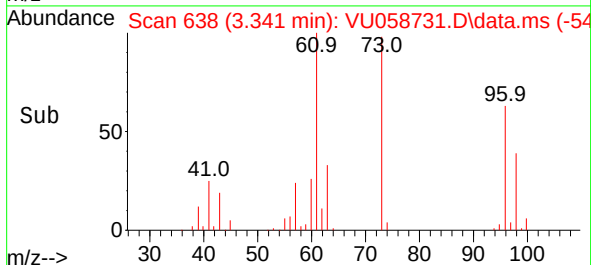
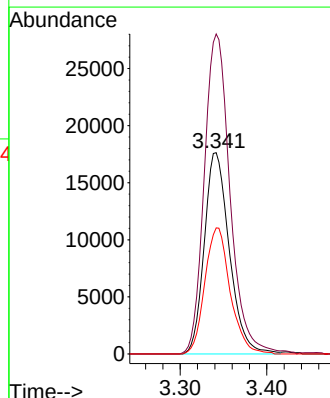
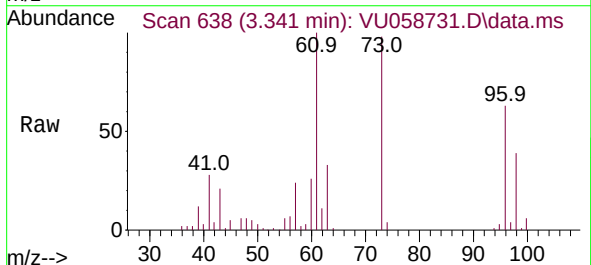
Tgt Ion: 96 Resp: 35499

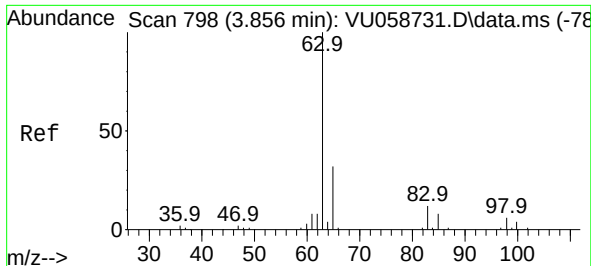
Ion Ratio Lower Upper

96 100

61 159.0 107.6 199.8

98 62.7 45.1 83.7

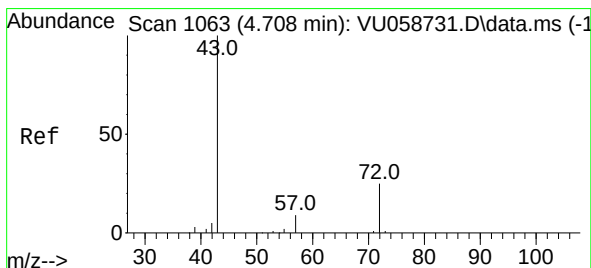
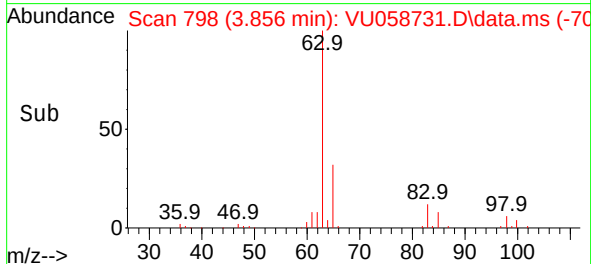
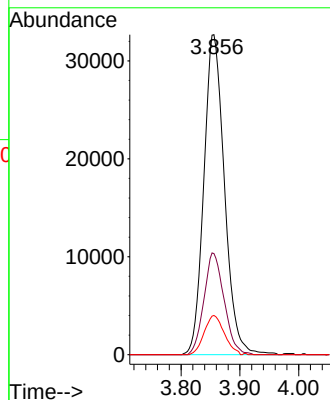
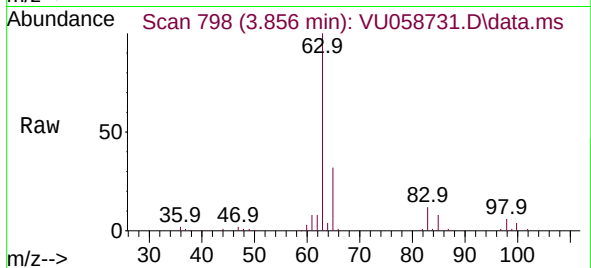




#19
1,1-Dichloroethane
Concen: 4.751 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

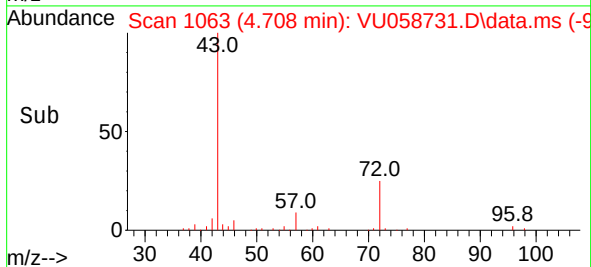
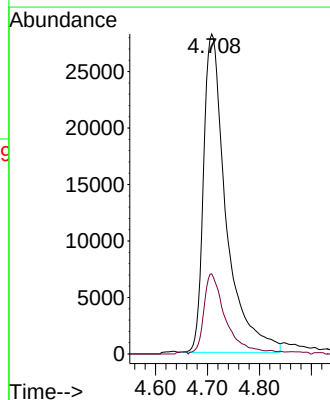
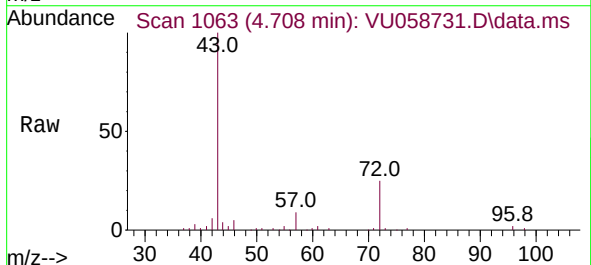
Instrument :
MSVOA_U
ClientSampleId :

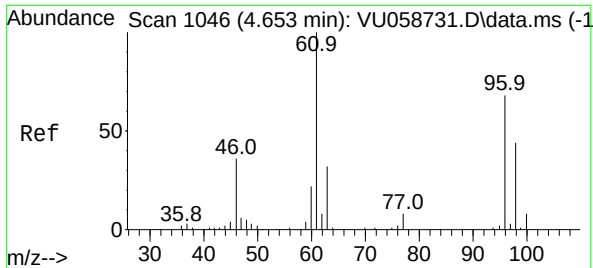
Tgt Ion: 63 Resp: 79628
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 12.3 9.6 17.8



#21
2-Butanone
Concen: 46.231 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 43 Resp: 85067
Ion Ratio Lower Upper
43 100
72 24.1 11.7 35.0

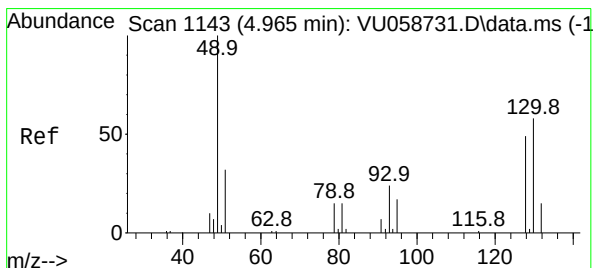
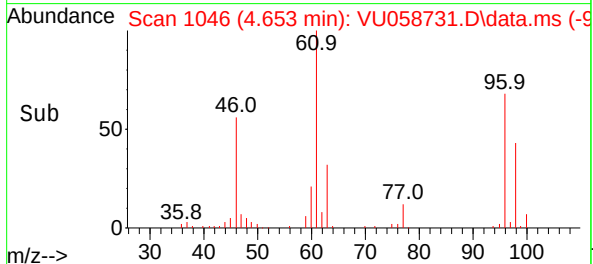
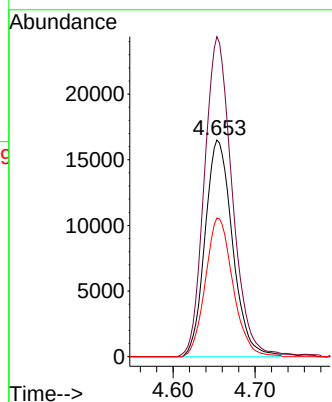
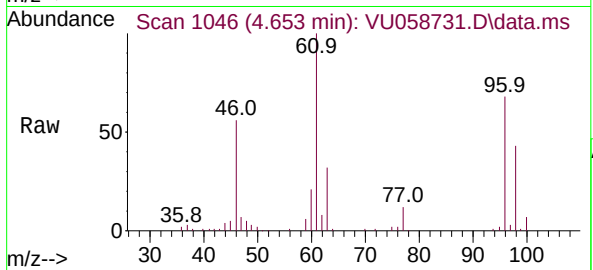




#22
 cis-1,2-Dichloroethene
 Concen: 4.469 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

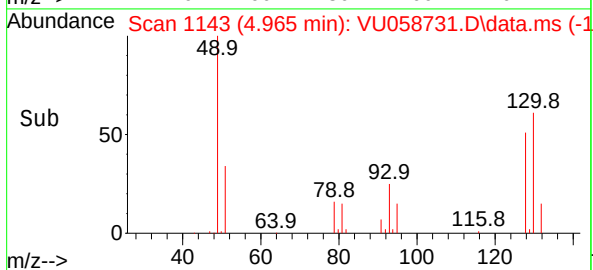
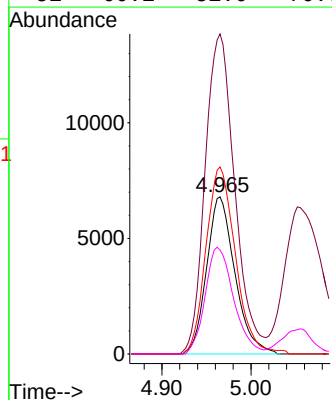
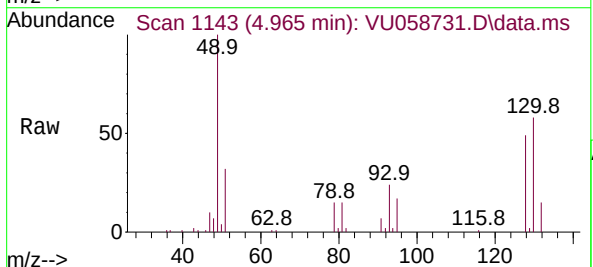
Instrument :
 MSVOA_U
 ClientSampleId :

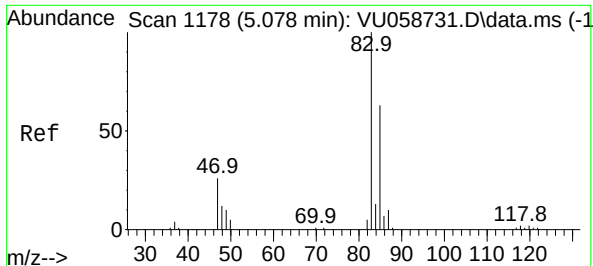
Tgt Ion: 96 Resp: 38535
 Ion Ratio Lower Upper
 96 100
 61 147.7 98.1 182.3
 98 64.0 43.6 81.0



#23
 Bromochloromethane
 Concen: 4.414 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

Tgt Ion:128 Resp: 14995
 Ion Ratio Lower Upper
 128 100
 49 203.8 134.4 249.6
 130 119.1 90.0 167.2
 51 66.1 51.0 76.6

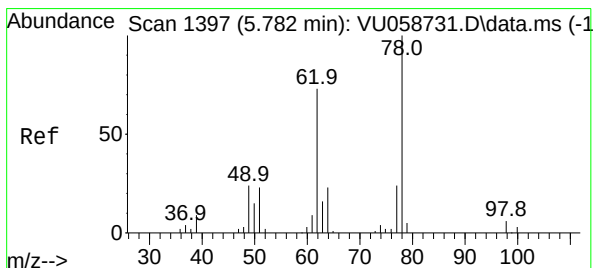
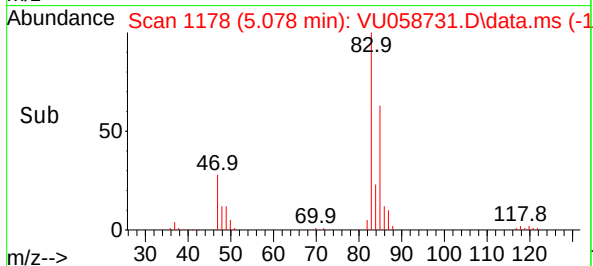
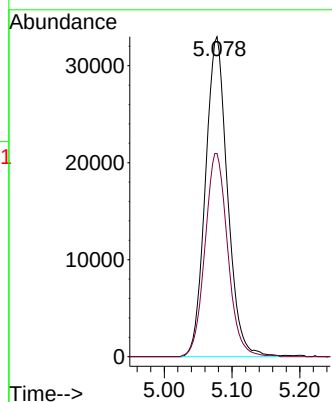
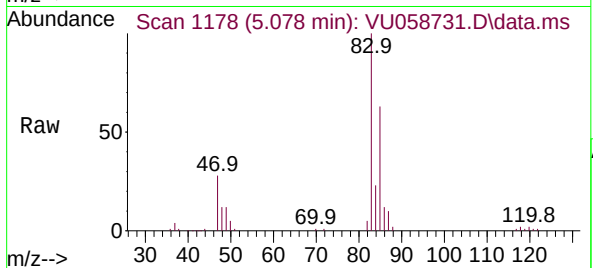




#25
Chloroform
Concen: 4.595 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

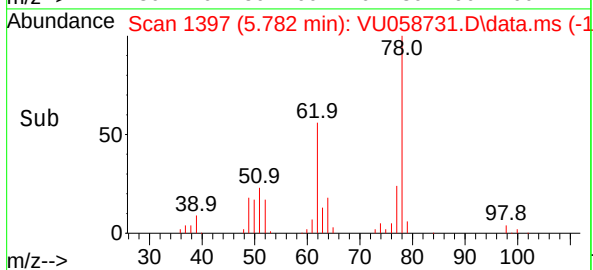
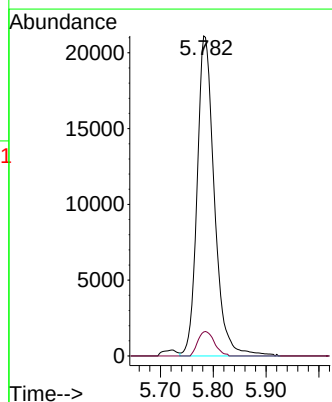
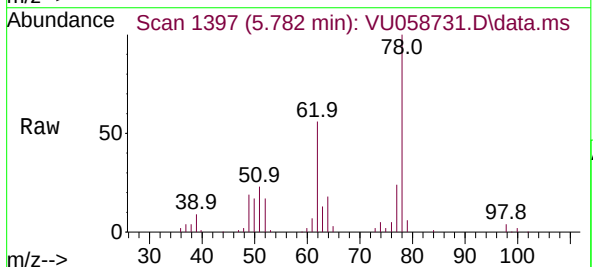
Instrument :
MSVOA_U
ClientSampleId :

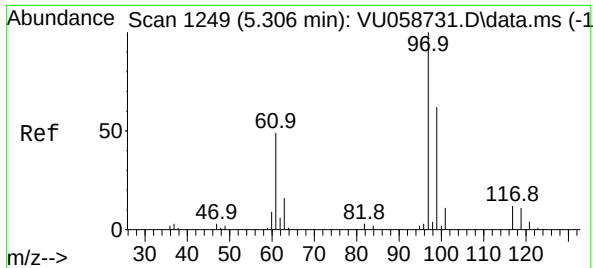
Tgt Ion: 83 Resp: 74532
Ion Ratio Lower Upper
83 100
85 63.5 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.843 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 62 Resp: 47837
Ion Ratio Lower Upper
62 100
98 7.5 7.0 10.4

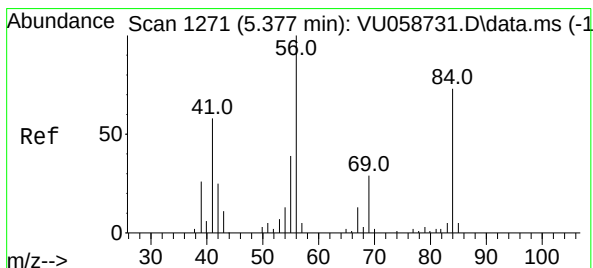
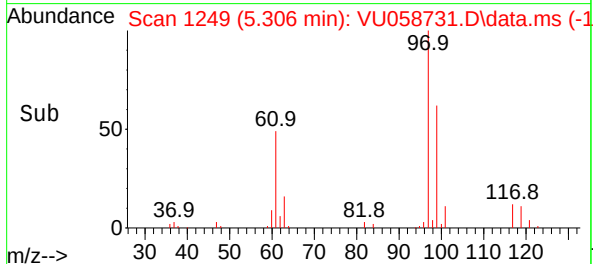
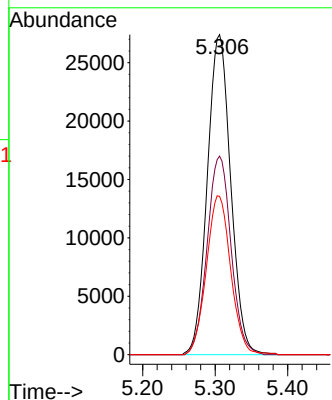
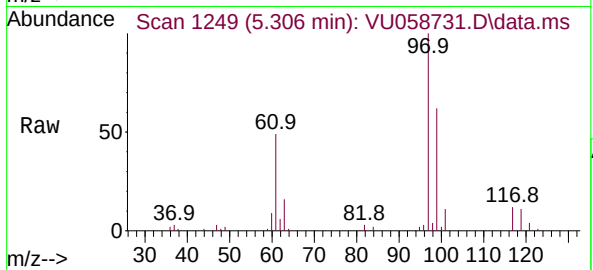




#29
1,1,1-Trichloroethane
Concen: 5.610 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

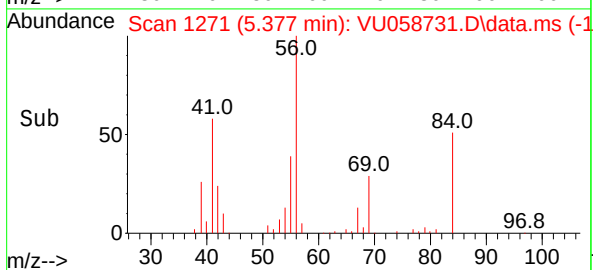
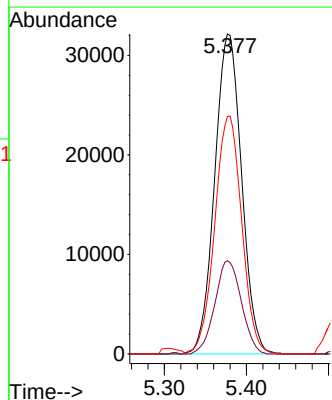
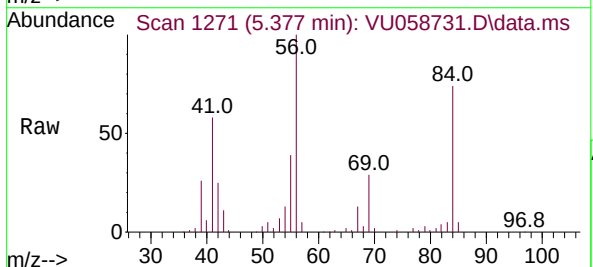
Instrument :
MSVOA_U
ClientSampleId :

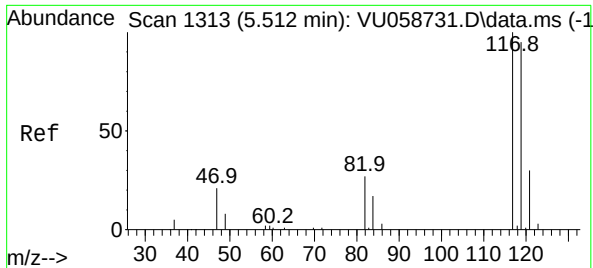
Tgt Ion: 97 Resp: 61534
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 51.6 39.4 59.0



#30
Cyclohexane
Concen: 6.324 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 56 Resp: 73251
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 74.6 63.3 94.9

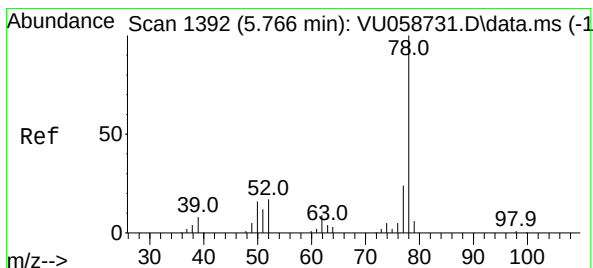
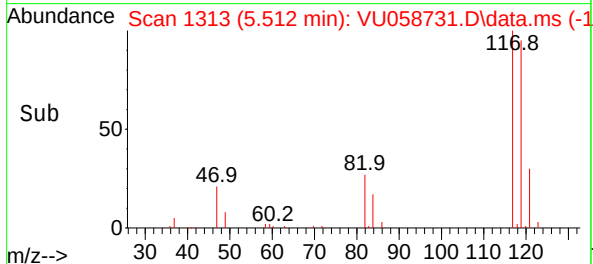
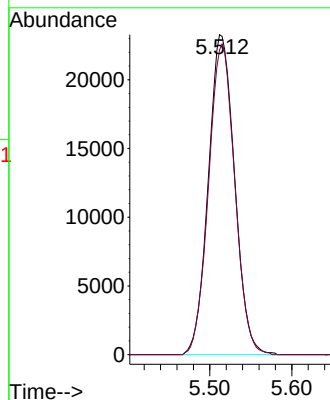
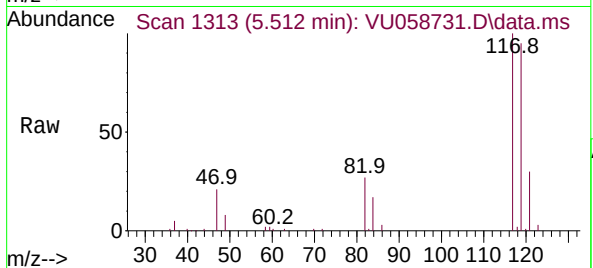




#31
Carbon tetrachloride
Concen: 5.574 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

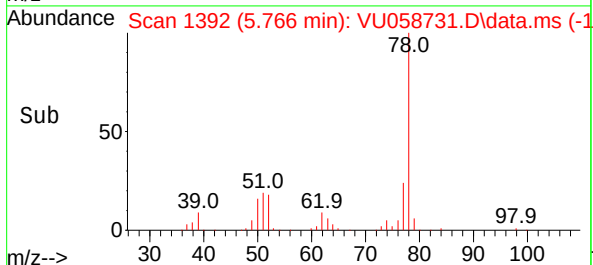
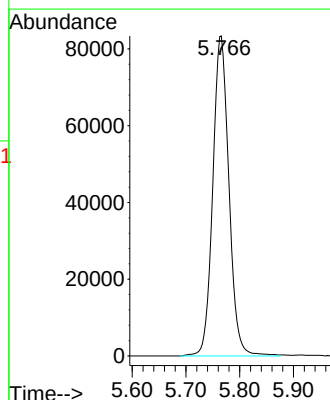
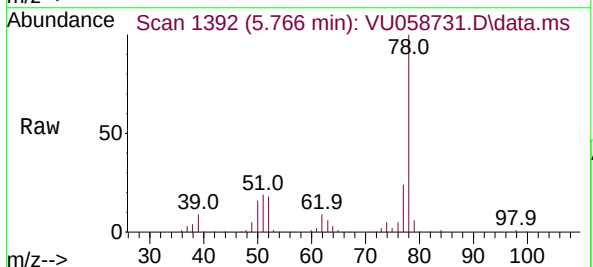
Instrument :
MSVOA_U
ClientSampleId :

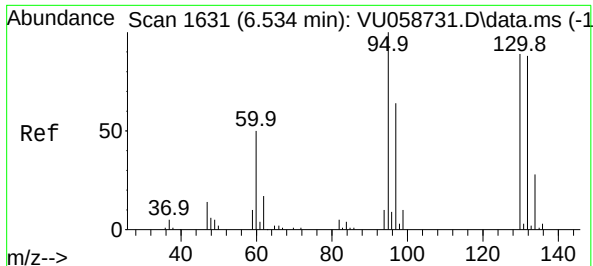
Tgt Ion:117 Resp: 51779
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1



#33
Benzene
Concen: 5.872 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

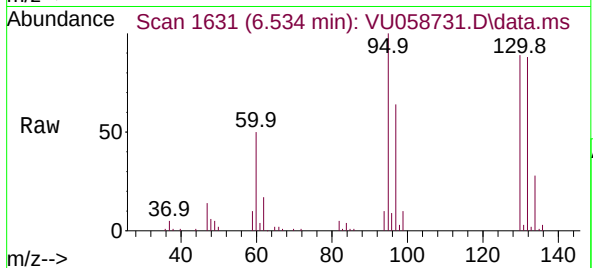
Tgt Ion: 78 Resp: 174120



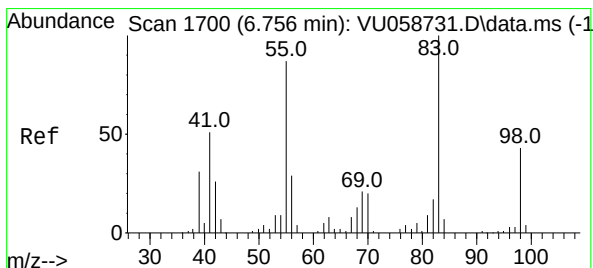
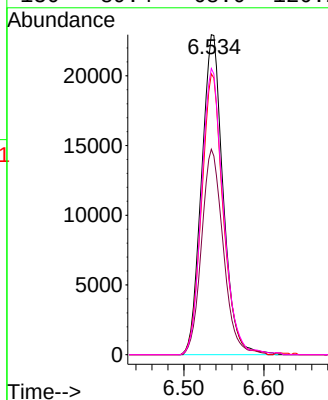
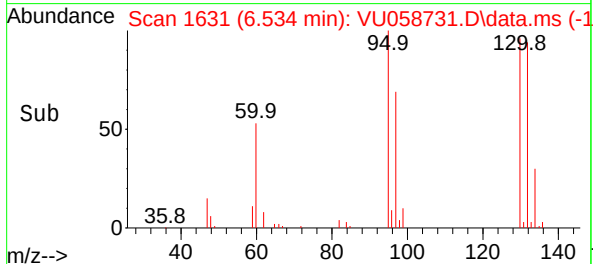


#34
Trichloroethene
Concen: 5.760 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

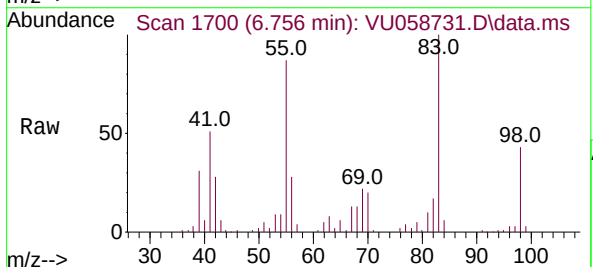
Instrument :
MSVOA_U
ClientSampleId :



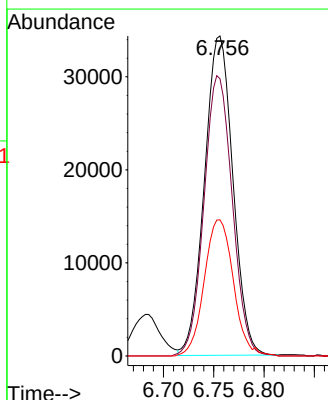
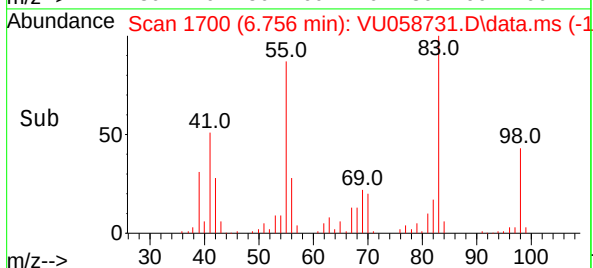
Tgt Ion: 95 Resp: 43056
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.6
132 87.7 64.8 120.3
130 89.4 68.0 126.2

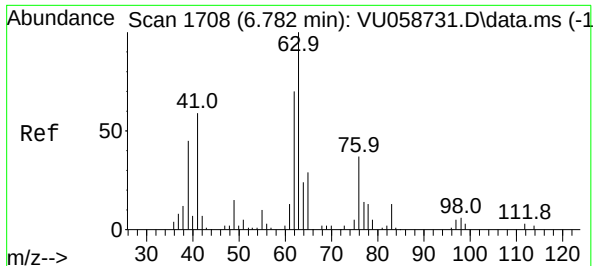


#35
Methylcyclohexane
Concen: 6.006 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40



Tgt Ion: 83 Resp: 67641
Ion Ratio Lower Upper
83 100
55 87.3 66.2 99.4
98 43.6 34.6 52.0

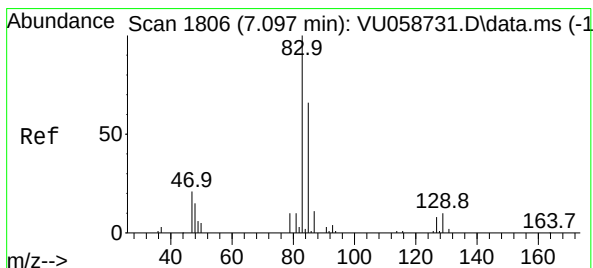
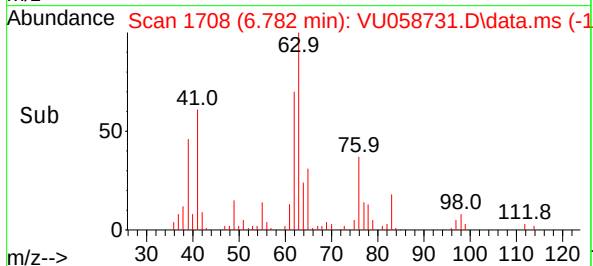
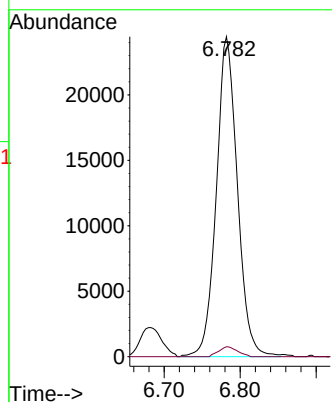
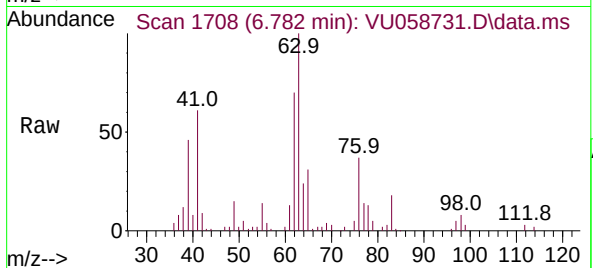




#37
1,2-Dichloropropane
Concen: 6.028 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

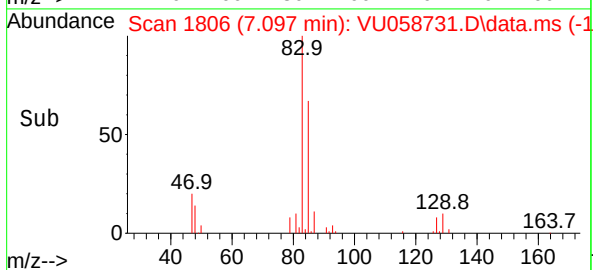
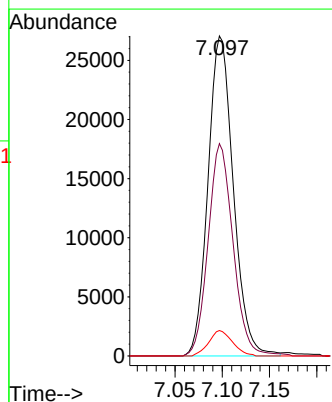
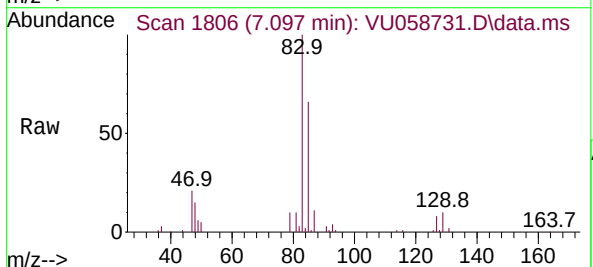
Instrument :
MSVOA_U
ClientSampleId :

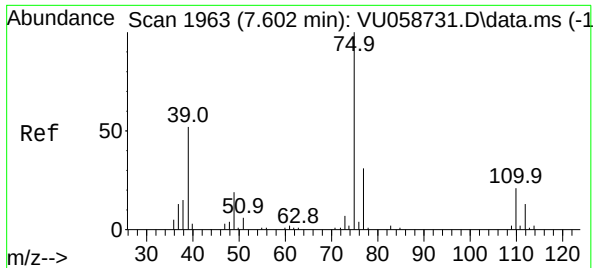
Tgt Ion: 63 Resp: 47031
Ion Ratio Lower Upper
63 100
112 2.8 2.6 4.0



#38
Bromodichloromethane
Concen: 5.672 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 83 Resp: 50510
Ion Ratio Lower Upper
83 100
85 66.4 44.2 82.2
127 8.0 6.5 9.7

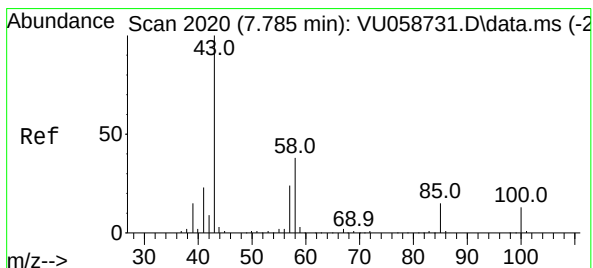
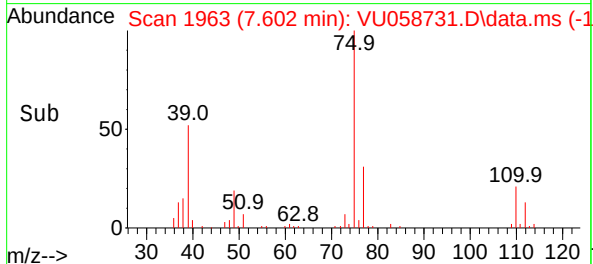
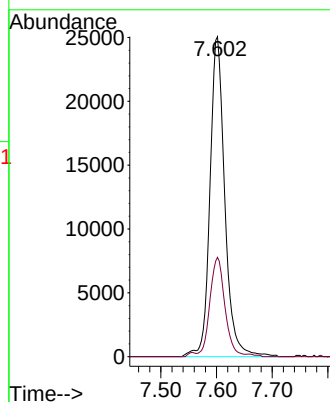
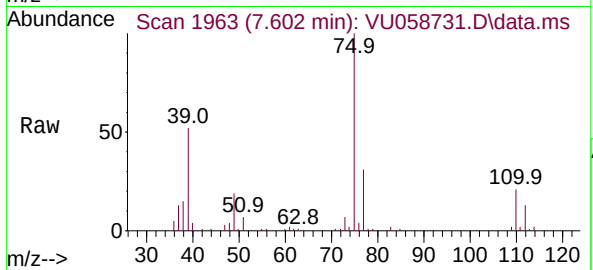




#39
 cis-1,3-Dichloropropene
 Concen: 4.681 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

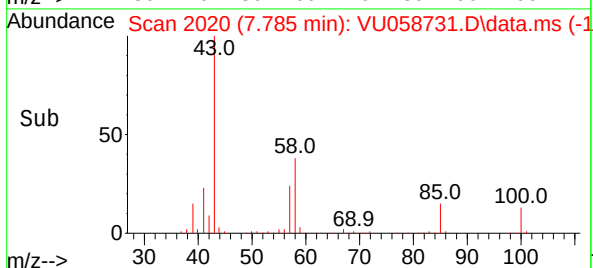
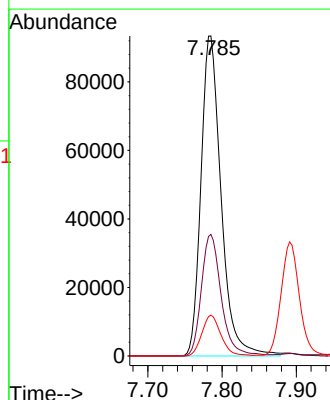
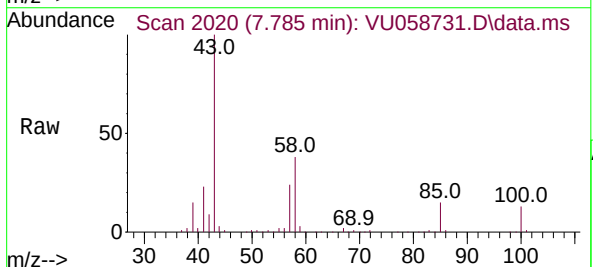
Instrument :
 MSVOA_U
 ClientSampleId :

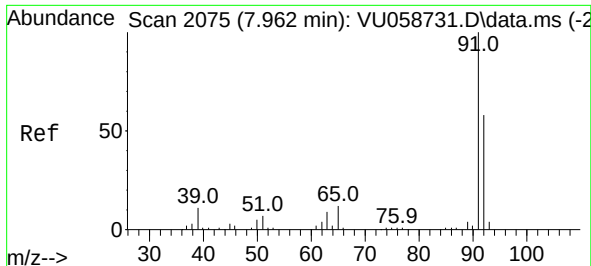
Tgt Ion: 75 Resp: 46443
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 47.882 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058731.D
 Acq: 17 Apr 2024 12:40

Tgt Ion: 43 Resp: 175841
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.4 45.6
 100 12.1 10.3 15.5





#42

Toluene

Concen: 4.434 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

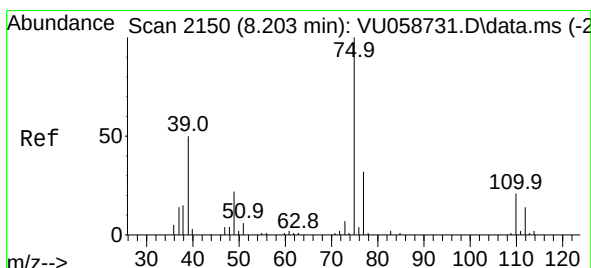
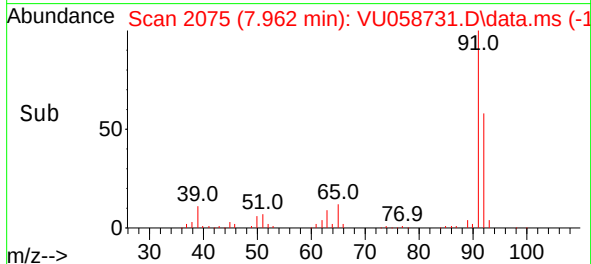
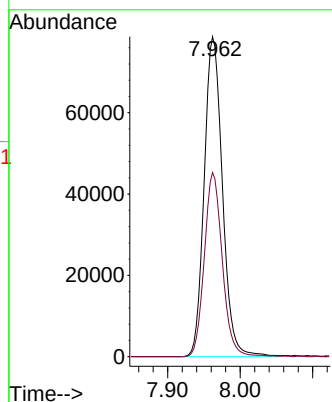
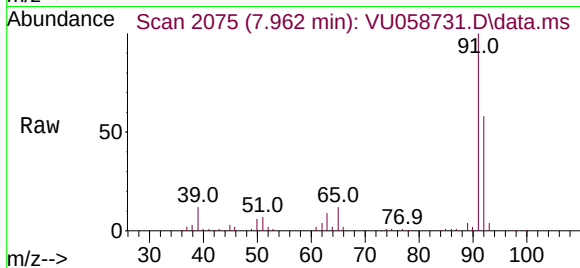
ClientSampleId :

Tgt Ion: 91 Resp: 137929

Ion Ratio Lower Upper

91 100

92 57.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.663 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058731.D

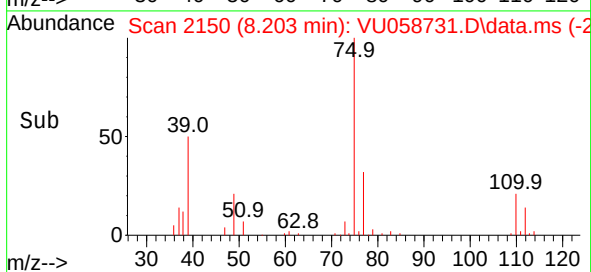
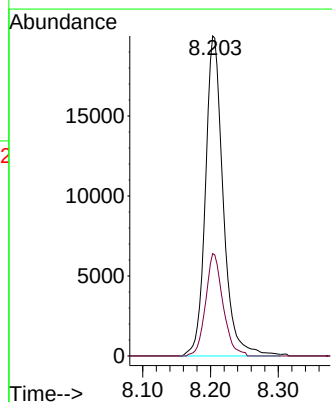
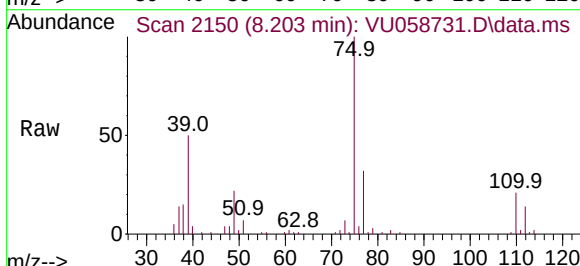
Acq: 17 Apr 2024 12:40

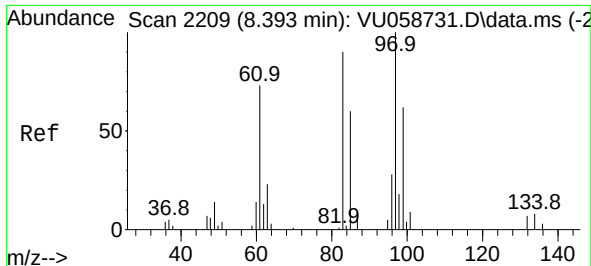
Tgt Ion: 75 Resp: 36485

Ion Ratio Lower Upper

75 100

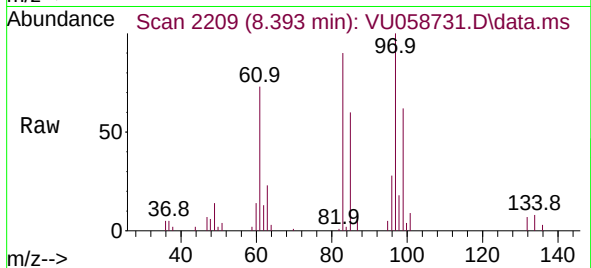
77 32.0 22.2 41.2



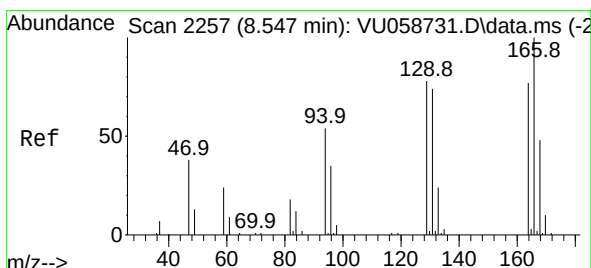
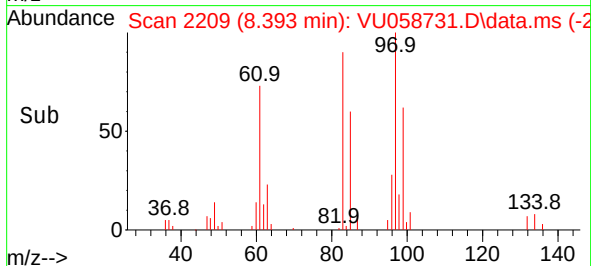
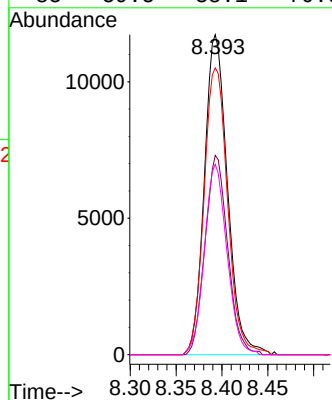


#45
1,1,2-Trichloroethane
Concen: 4.519 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

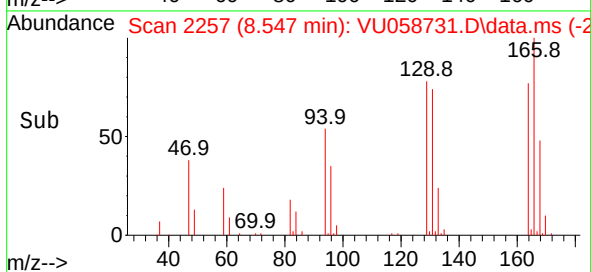
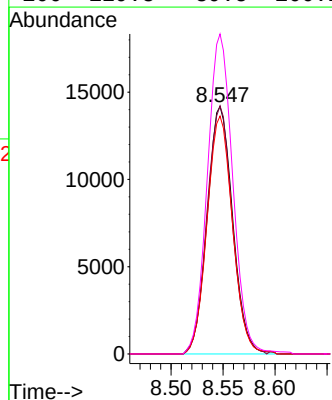
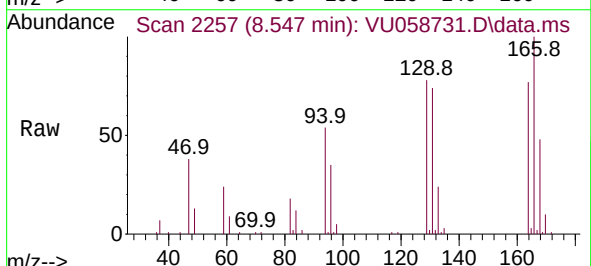


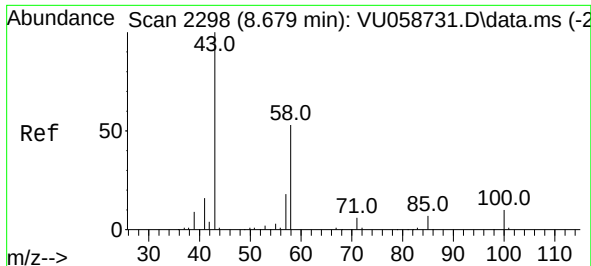
Tgt Ion:	97	Resp:	20590
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.7	81.1
83	89.6	64.5	119.7
85	59.5	38.1	70.9



#47
Tetrachloroethene
Concen: 4.427 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion:	164	Resp:	24257
Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.3	125.1
131	96.1	65.5	121.6
166	129.3	89.5	166.1



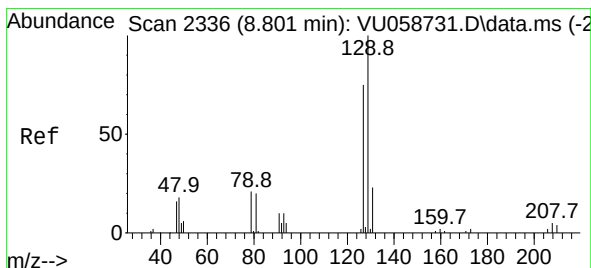
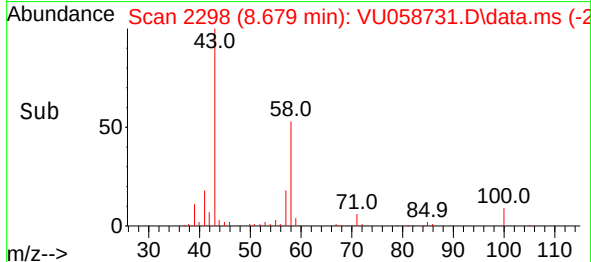
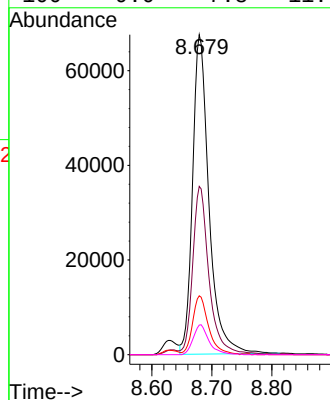
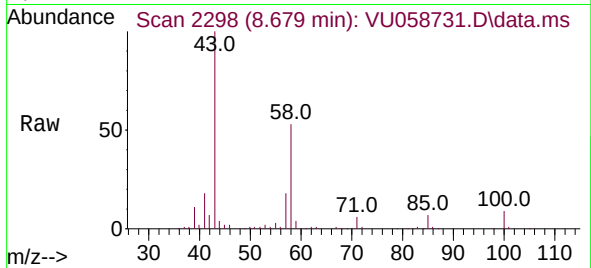


#48
2-Hexanone
Concen: 49.291 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 128505

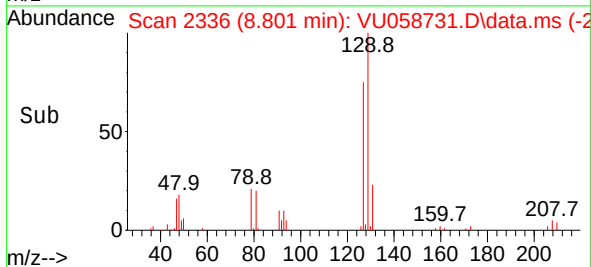
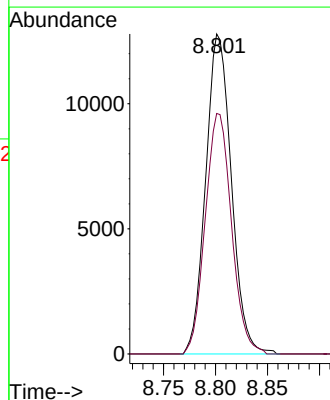
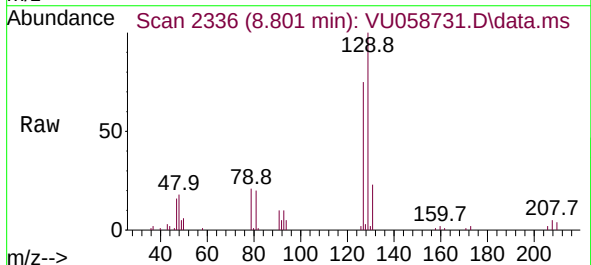
Ion	Ratio	Lower	Upper
43	100		
58	51.8	43.2	64.8
57	17.9	15.4	23.0
100	9.0	7.8	11.6

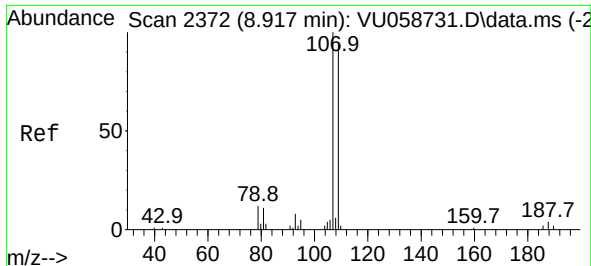


#49
Dibromochloromethane
Concen: 4.177 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 129 Resp: 22003

Ion	Ratio	Lower	Upper
129	100		
127	75.2	53.5	99.5

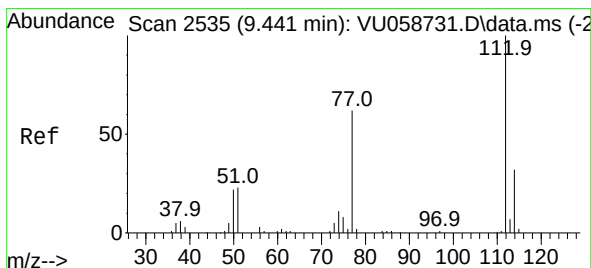
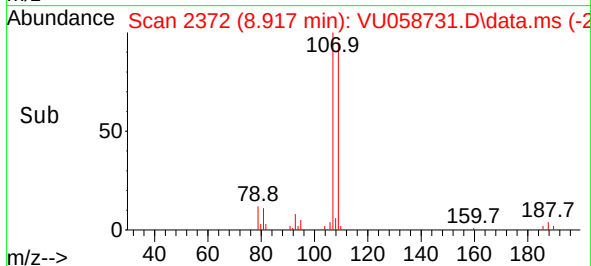
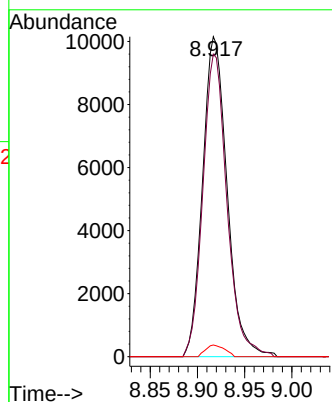
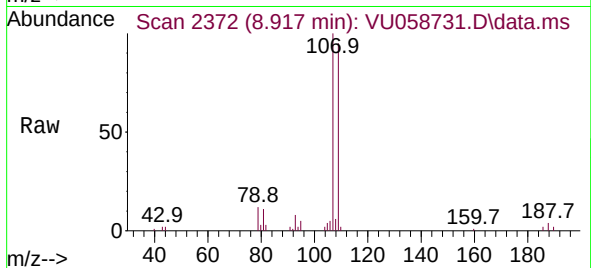




#50
1,2-Dibromoethane
Concen: 4.397 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

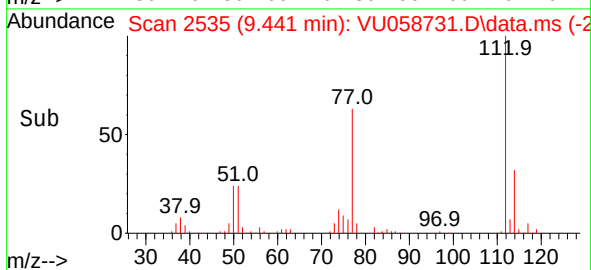
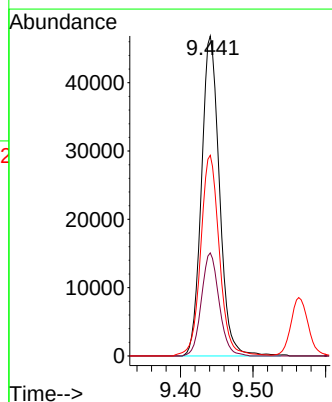
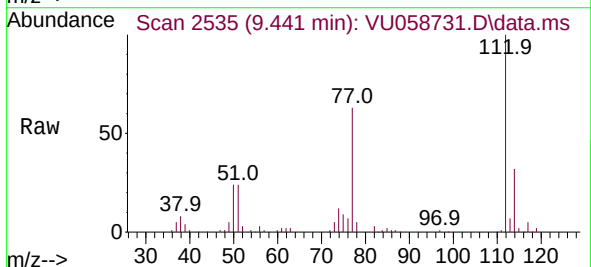
Instrument :
MSVOA_U
ClientSampleId :

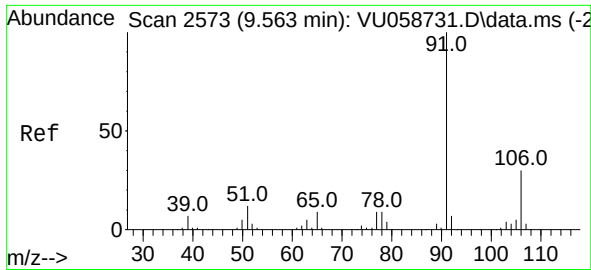
Tgt Ion:107 Resp: 18322
Ion Ratio Lower Upper
107 100
109 94.6 67.3 124.9
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 4.300 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion:112 Resp: 80934
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 62.7 50.1 75.1

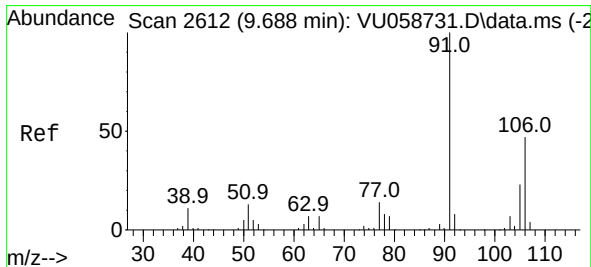
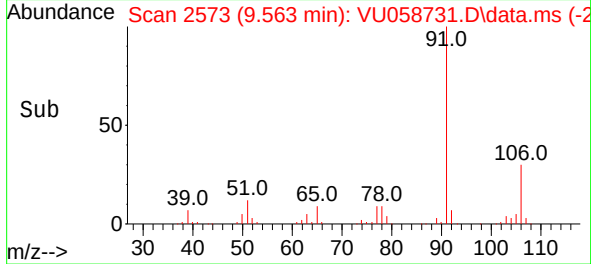
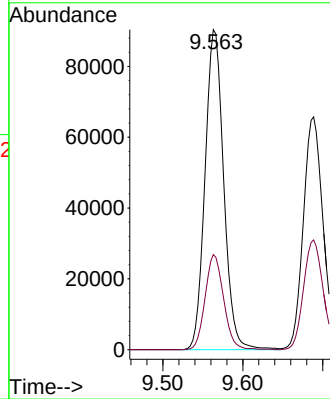
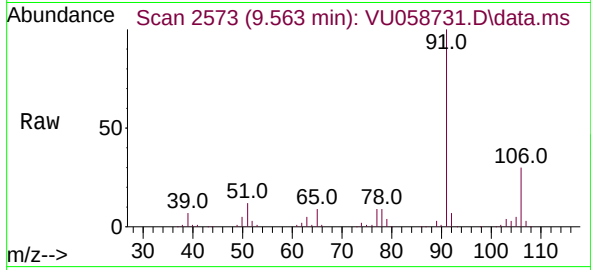




#52
Ethylbenzene
Concen: 4.461 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

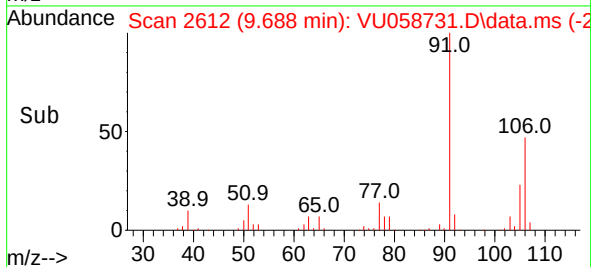
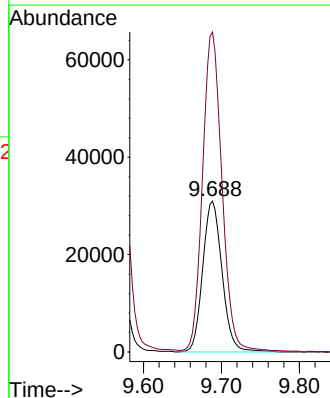
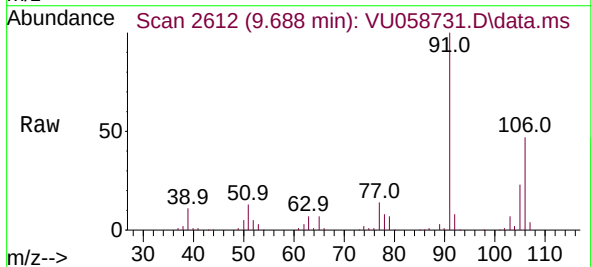
Instrument :
MSVOA_U
ClientSampleId :

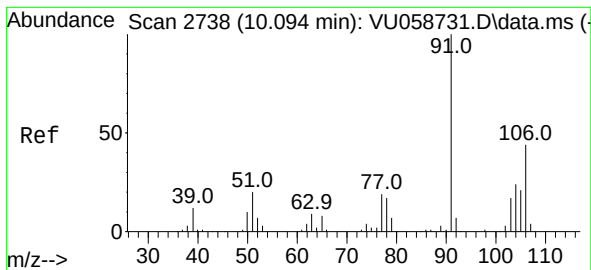
Tgt Ion: 91 Resp: 147001
Ion Ratio Lower Upper
91 100
106 29.7 20.6 38.4



#53
m,p-Xylene
Concen: 4.527 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 106 Resp: 53415
Ion Ratio Lower Upper
106 100
91 212.1 147.8 274.4





#54

o-Xylene

Concen: 4.367 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

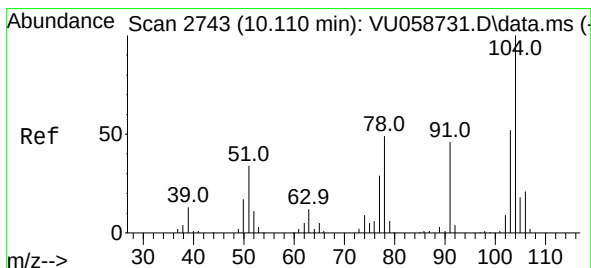
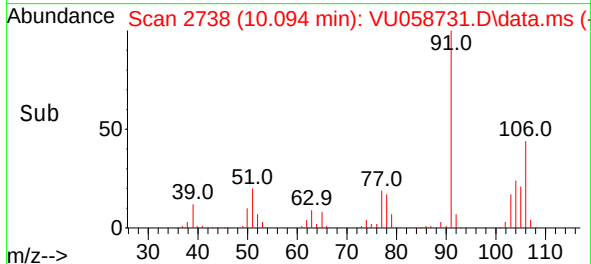
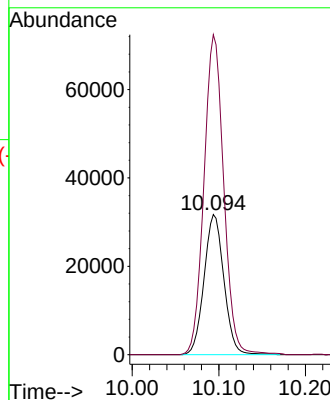
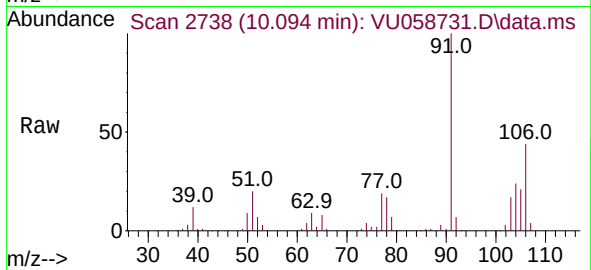
ClientSampleId :

Tgt Ion:106 Resp: 50513

Ion Ratio Lower Upper

106 100

91 228.3 156.9 291.5



#55

Styrene

Concen: 4.526 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058731.D

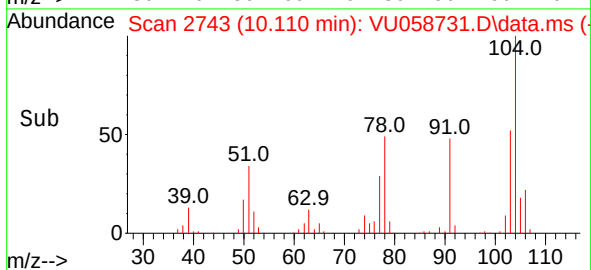
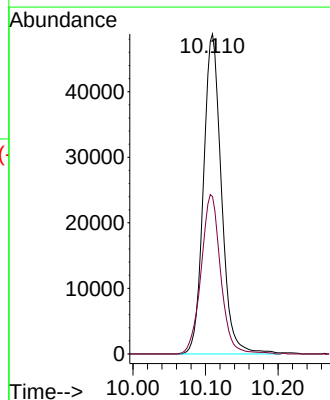
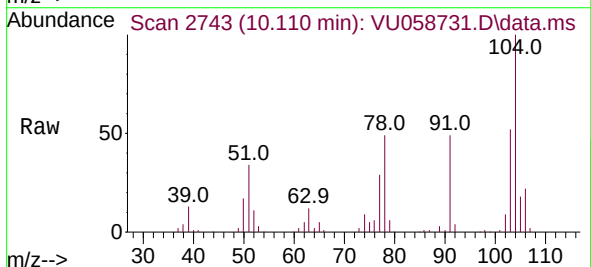
Acq: 17 Apr 2024 12:40

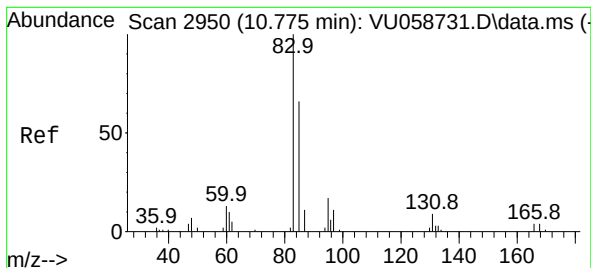
Tgt Ion:104 Resp: 84228

Ion Ratio Lower Upper

104 100

78 49.2 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.190 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

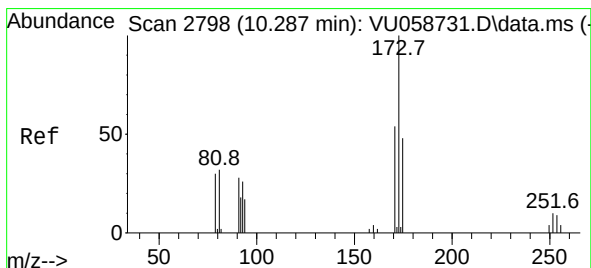
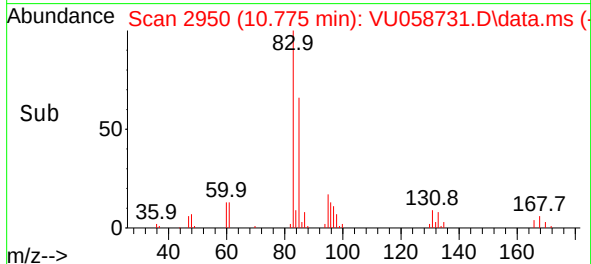
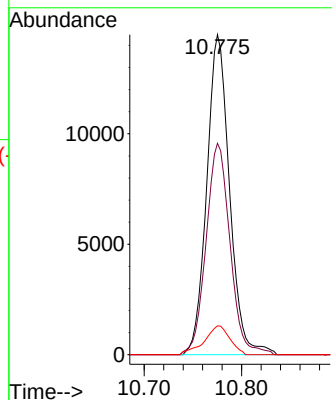
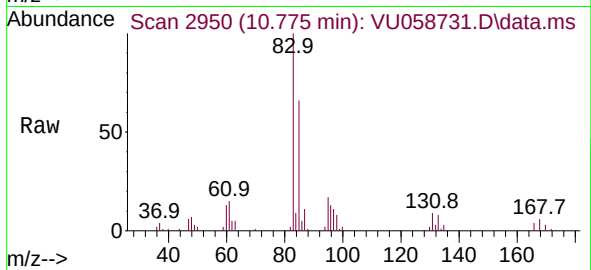
Tgt Ion: 83 Resp: 23551

Ion Ratio Lower Upper

83 100

85 66.0 45.1 83.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 4.389 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

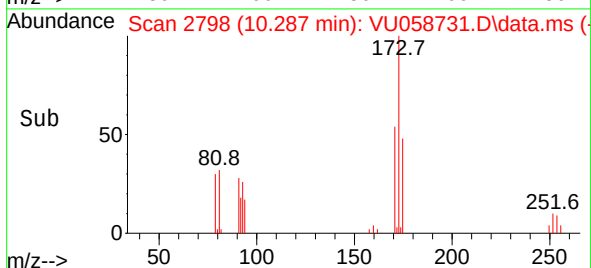
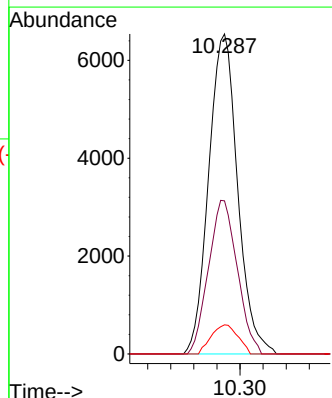
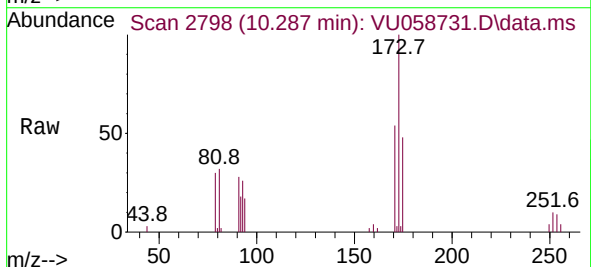
Tgt Ion:173 Resp: 11372

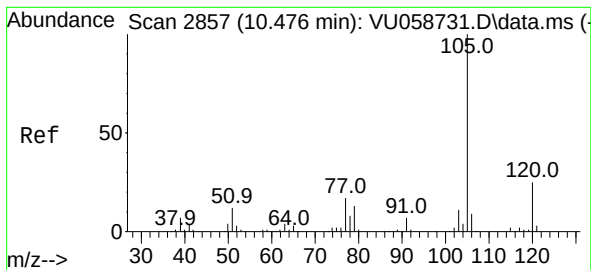
Ion Ratio Lower Upper

173 100

175 47.6 38.0 57.0

254 8.4 7.5 11.3





#60

Isopropylbenzene

Concen: 4.866 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

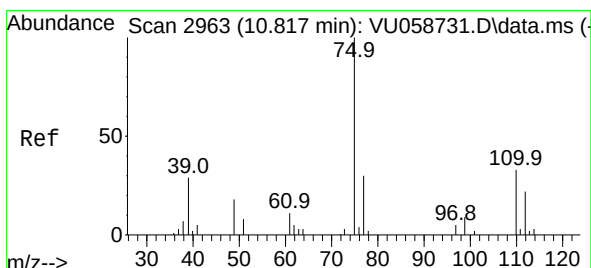
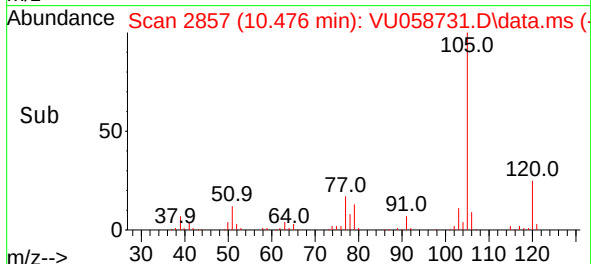
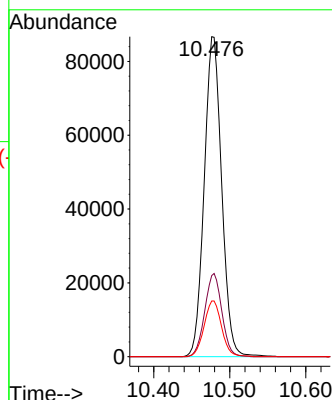
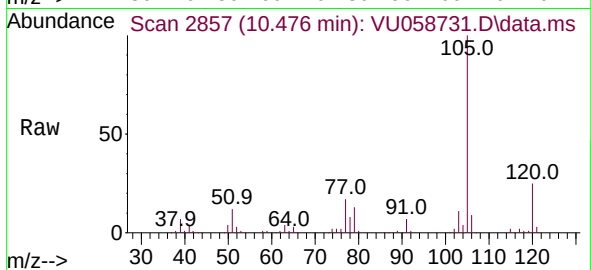
Tgt Ion:105 Resp: 138171

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.4

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.465 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

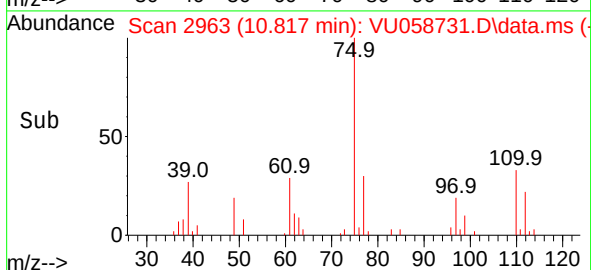
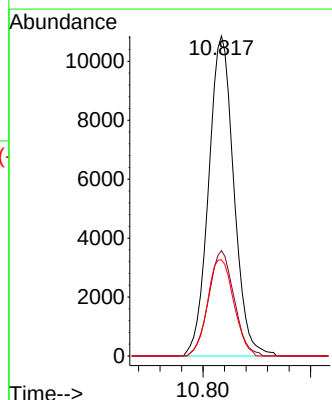
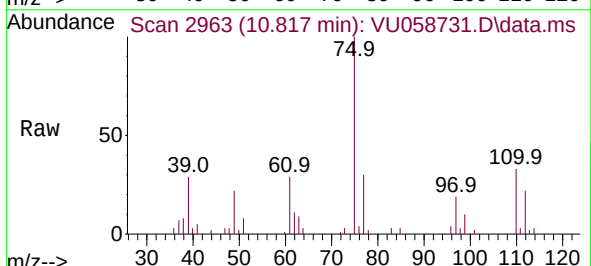
Tgt Ion: 75 Resp: 17671

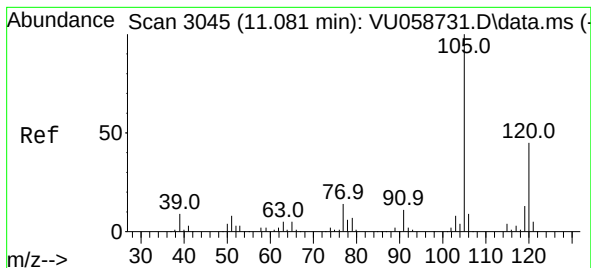
Ion Ratio Lower Upper

75 100

110 33.2 25.8 38.6

77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.814 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

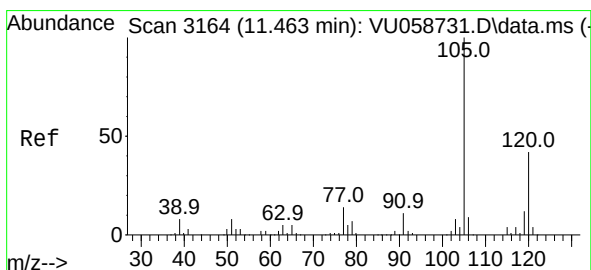
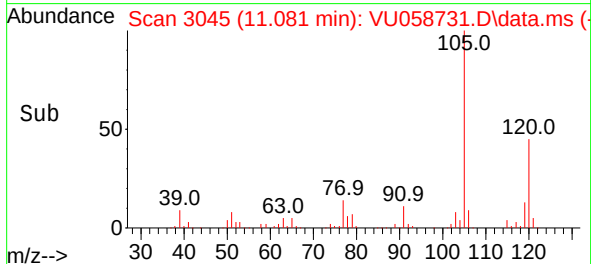
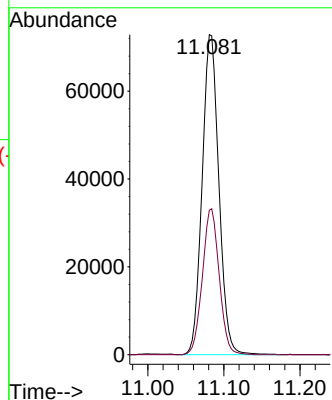
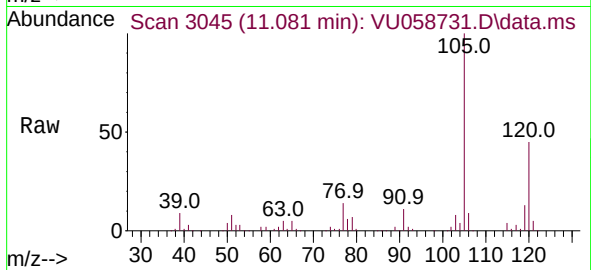
ClientSampleId :

Tgt Ion:105 Resp: 111462

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.653 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058731.D

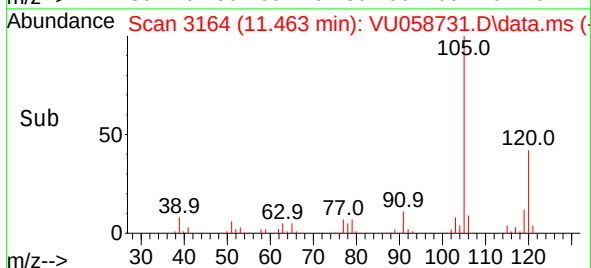
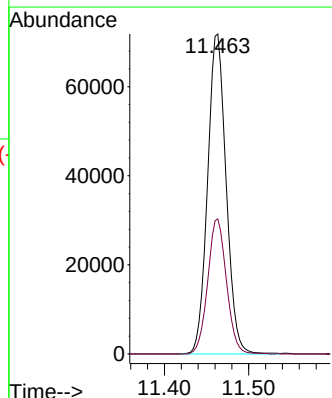
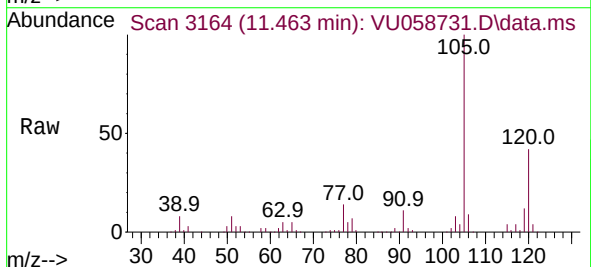
Acq: 17 Apr 2024 12:40

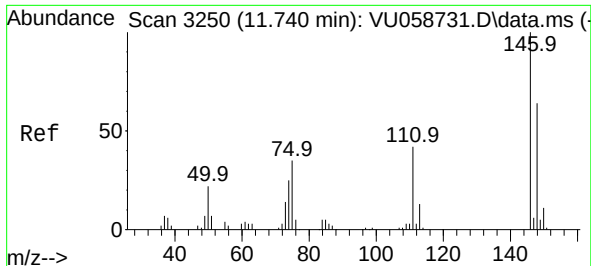
Tgt Ion:105 Resp: 110005

Ion Ratio Lower Upper

105 100

120 42.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.302 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

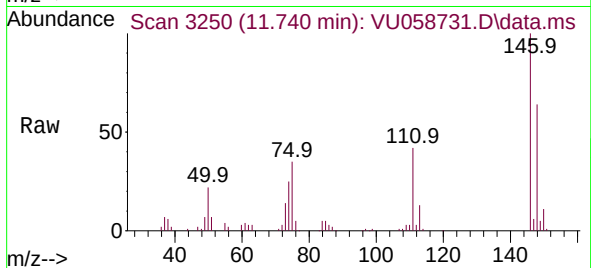
Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



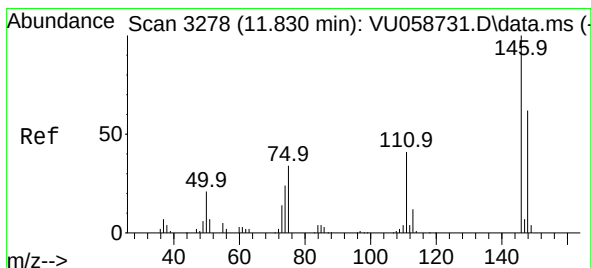
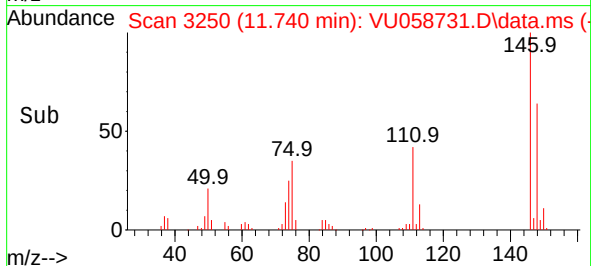
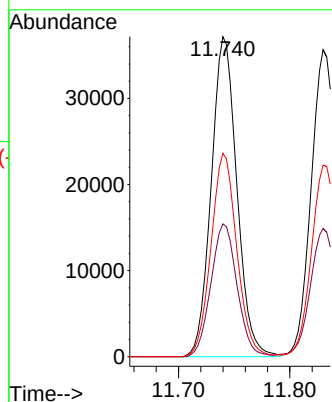
Tgt Ion:146 Resp: 59333

Ion Ratio Lower Upper

146 100

111 41.5 28.8 53.4

148 63.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.380 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

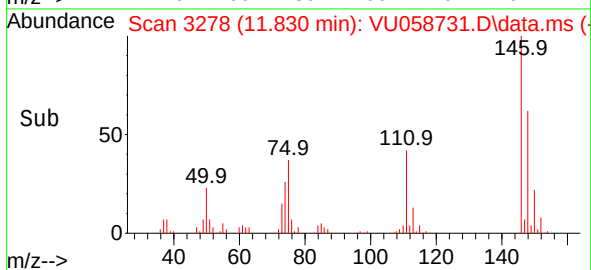
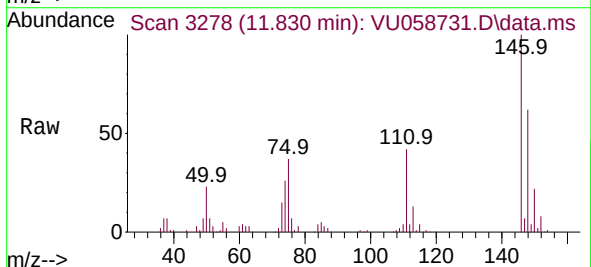
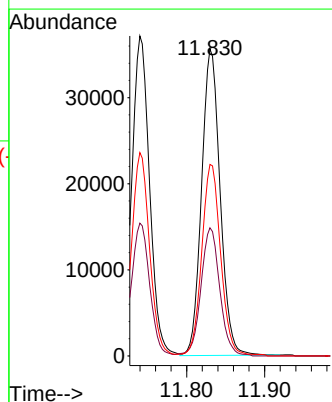
Tgt Ion:146 Resp: 58854

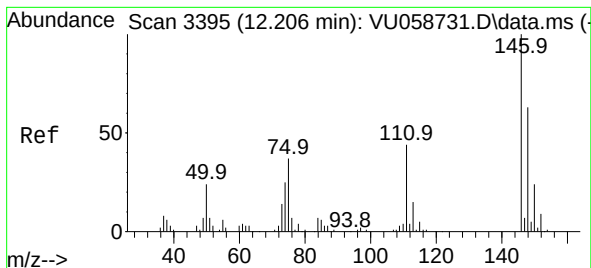
Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.6

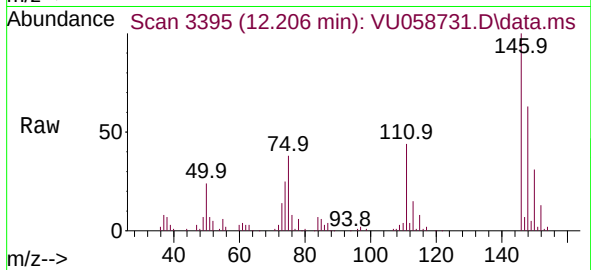
148 62.4 45.3 84.1



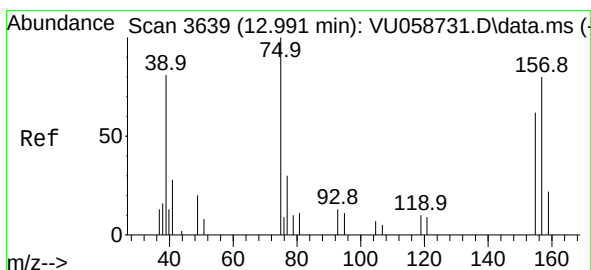
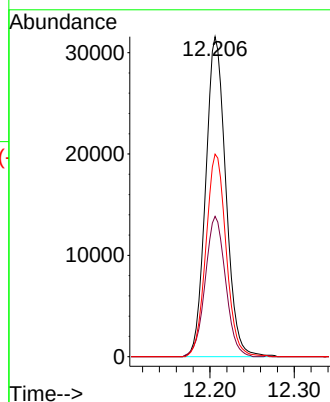
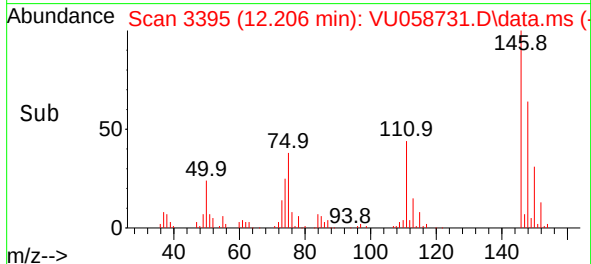


#67
1,2-Dichlorobenzene
Concen: 4.187 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

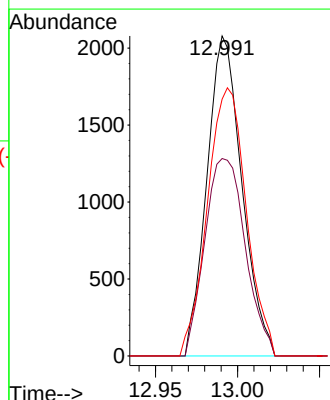
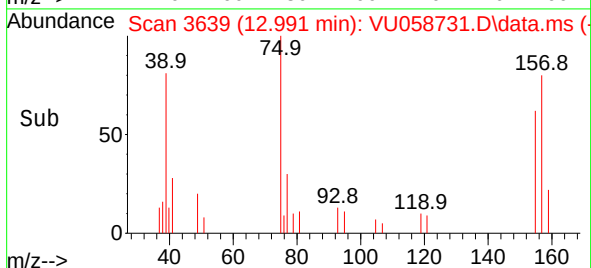
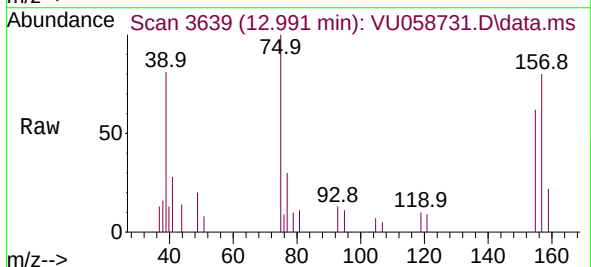


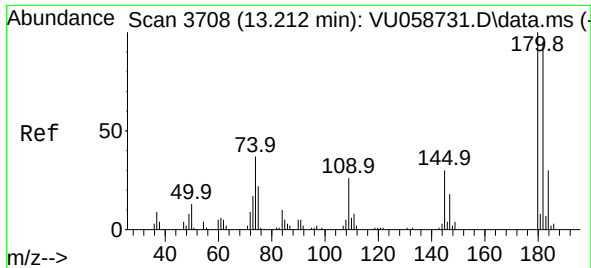
Tgt Ion:146 Resp: 52525
Ion Ratio Lower Upper
146 100
111 43.8 35.0 52.4
148 63.3 52.5 78.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.594 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 75 Resp: 3083
Ion Ratio Lower Upper
75 100
155 61.7 61.4 92.0
157 80.3 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 4.201 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

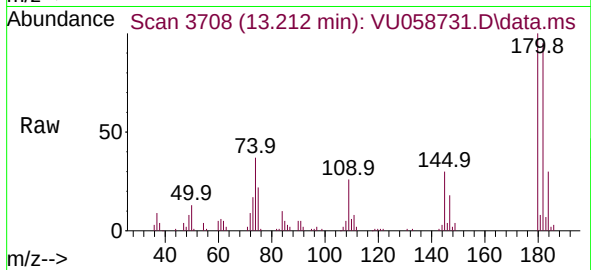
Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 42847

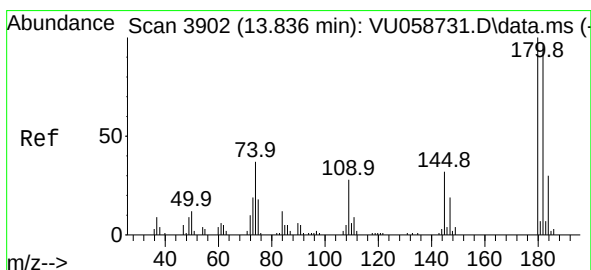
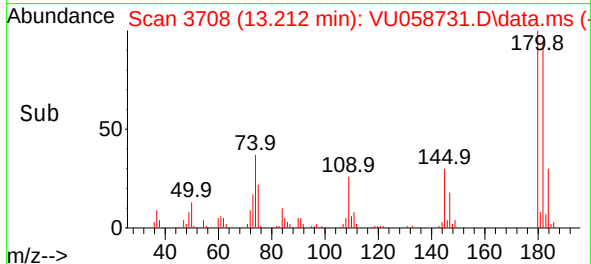
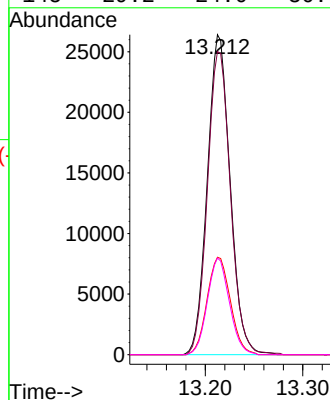
Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

184 31.2 24.3 36.5

145 29.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.761 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058731.D

Acq: 17 Apr 2024 12:40

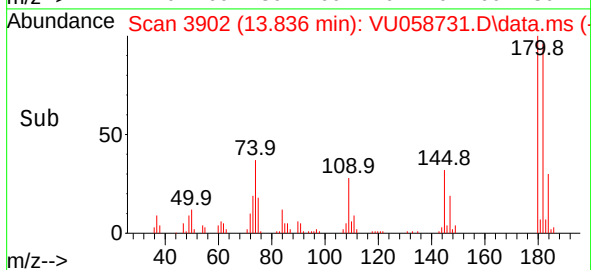
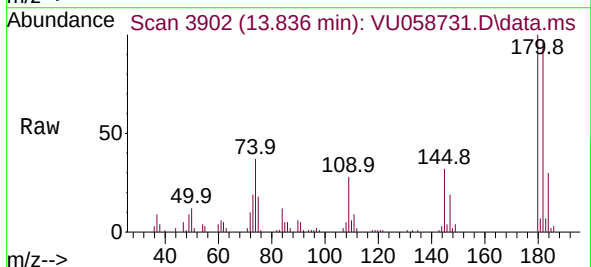
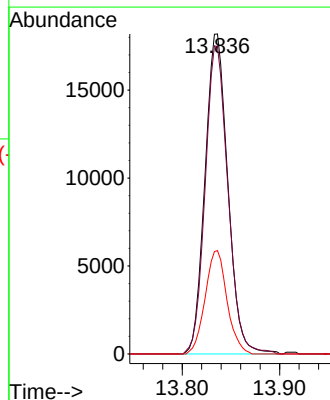
Tgt Ion:180 Resp: 29581

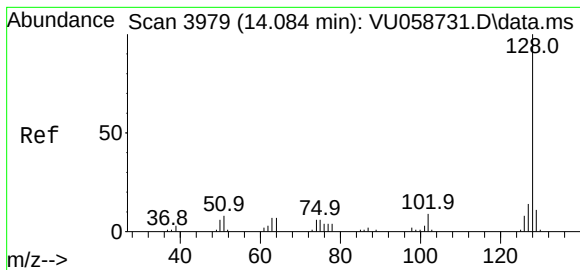
Ion Ratio Lower Upper

180 100

182 96.1 74.4 111.6

145 30.9 24.1 36.1

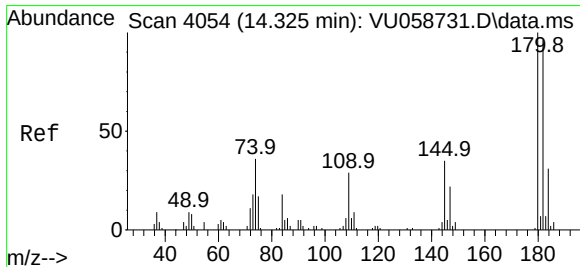
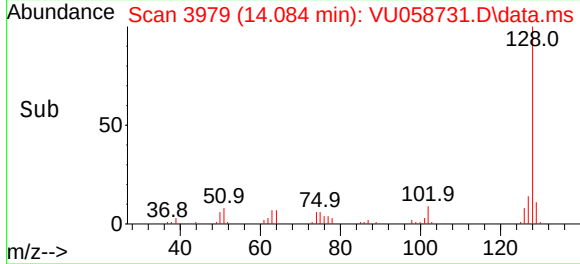
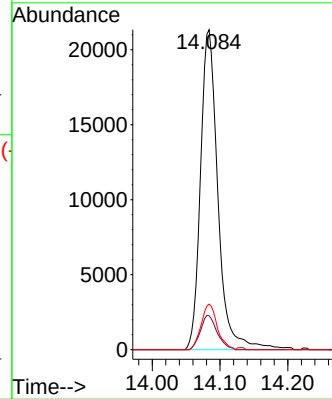
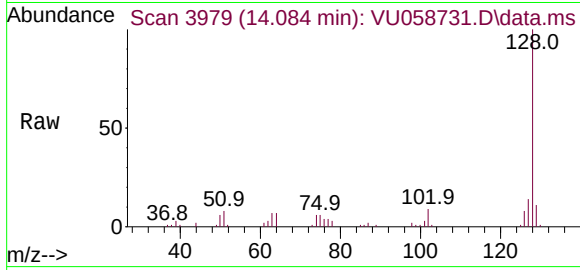




#71
Naphthalene
Concen: 3.538 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	38132
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.6 13.0
127	13.1	11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.759 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058731.D
Acq: 17 Apr 2024 12:40

Tgt Ion:180	Resp:	24413
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.9 113.9
145	32.4	25.2 37.8

